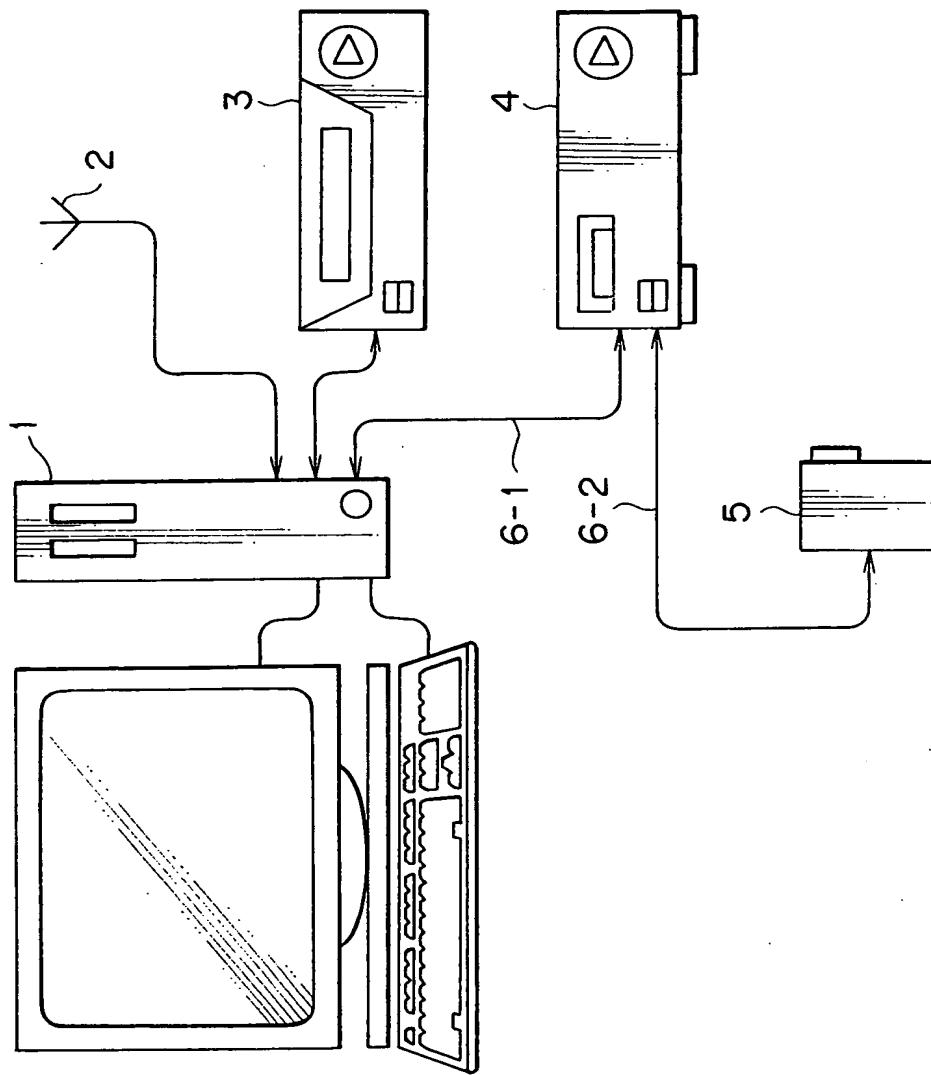


FIG. 1



F I G. 2

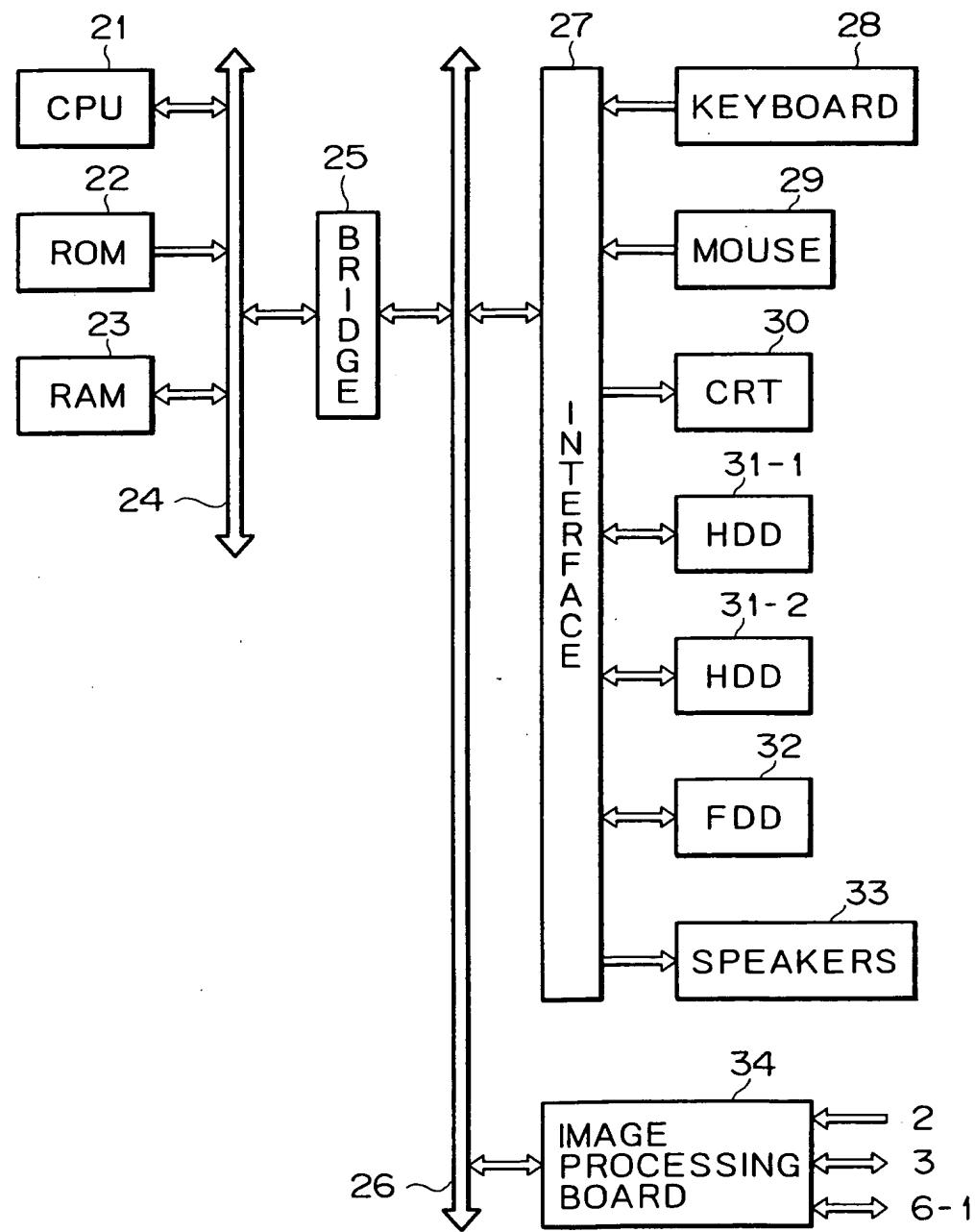


FIG. 3

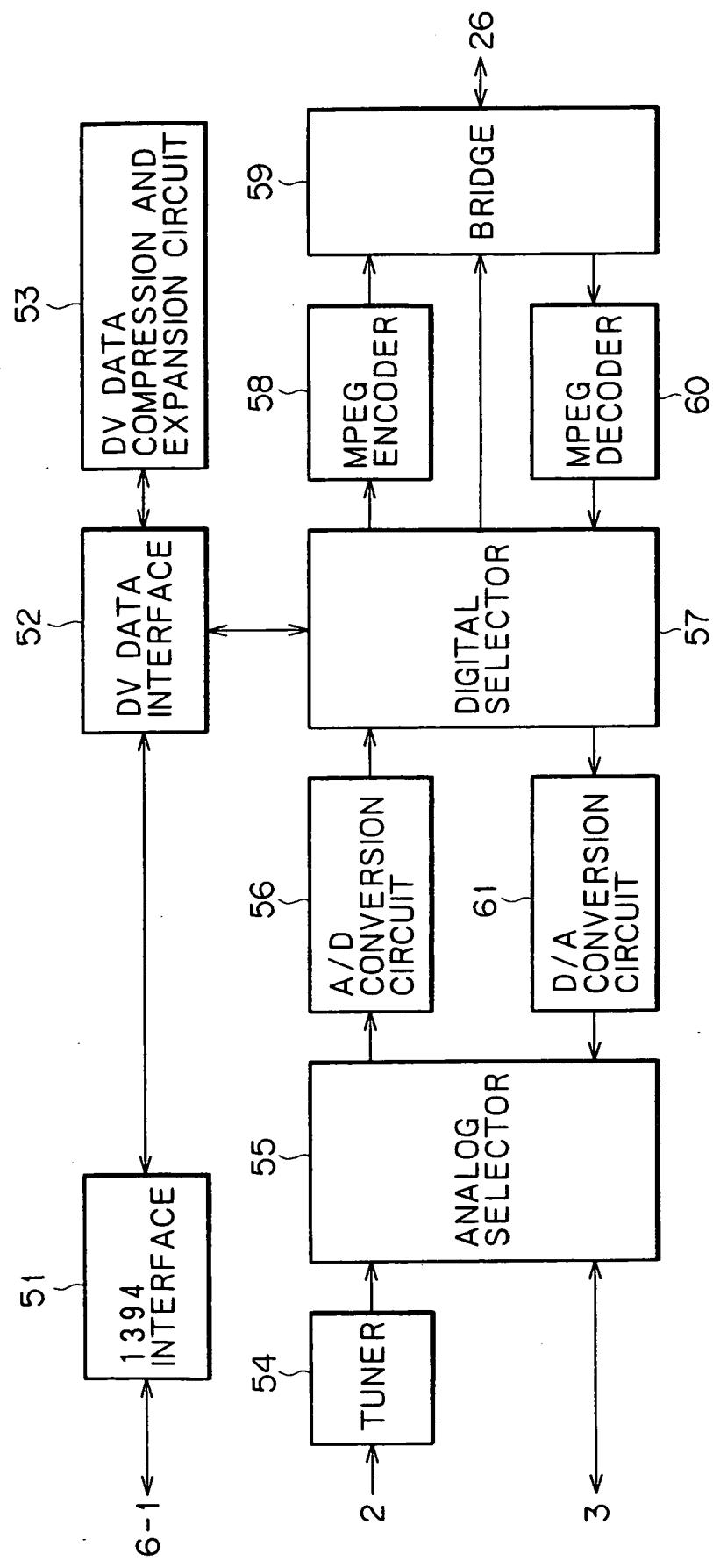


FIG. 4

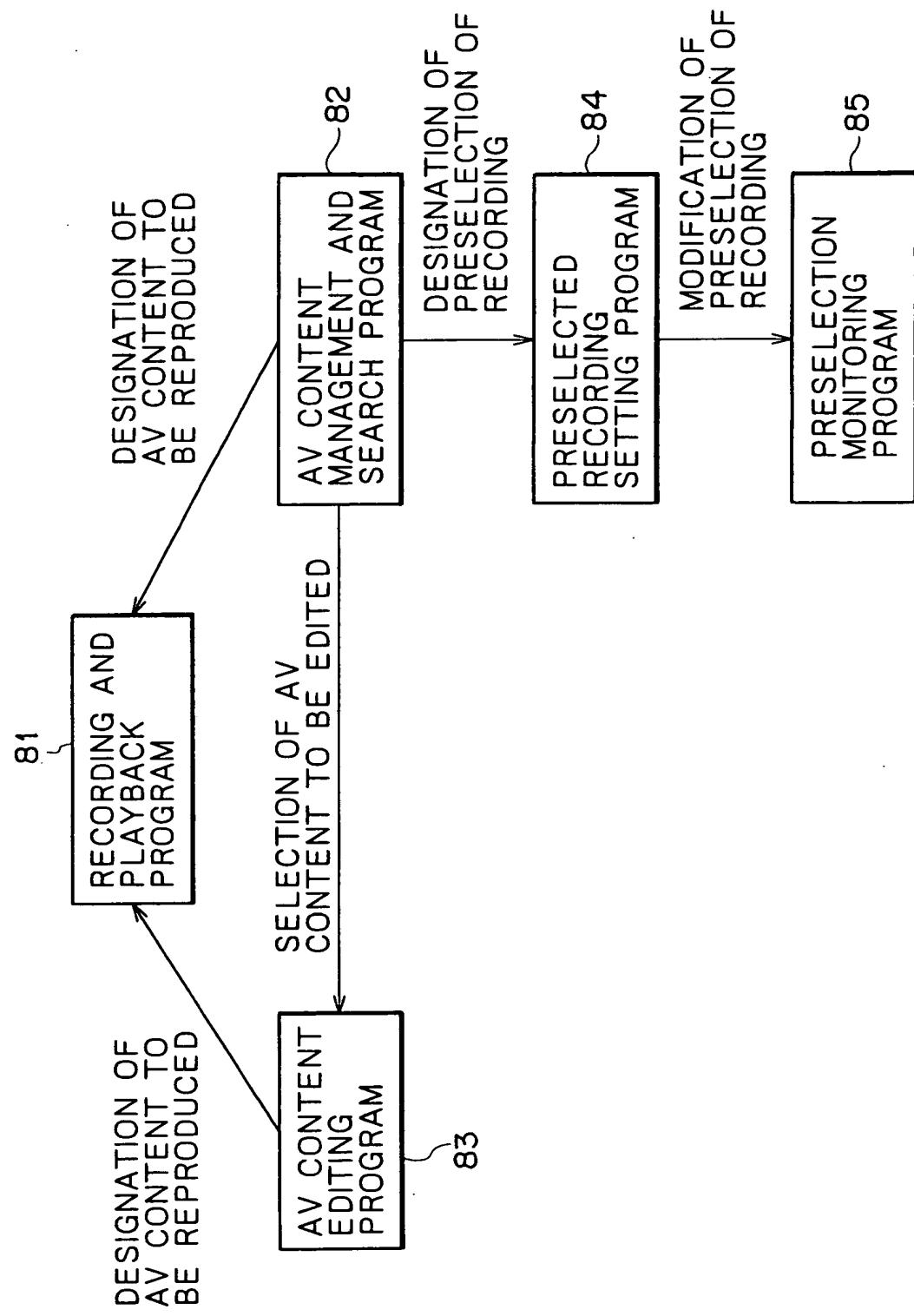
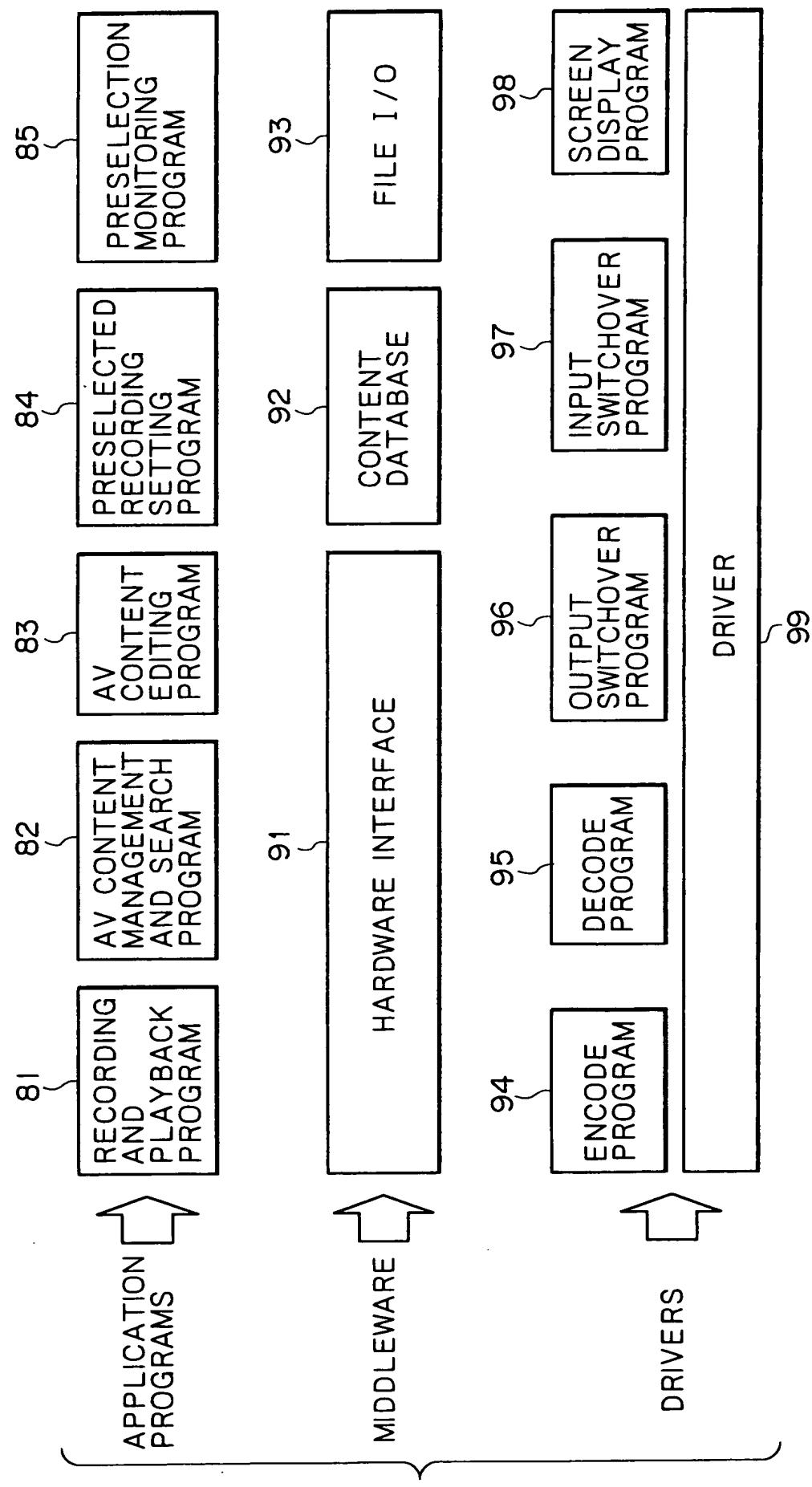
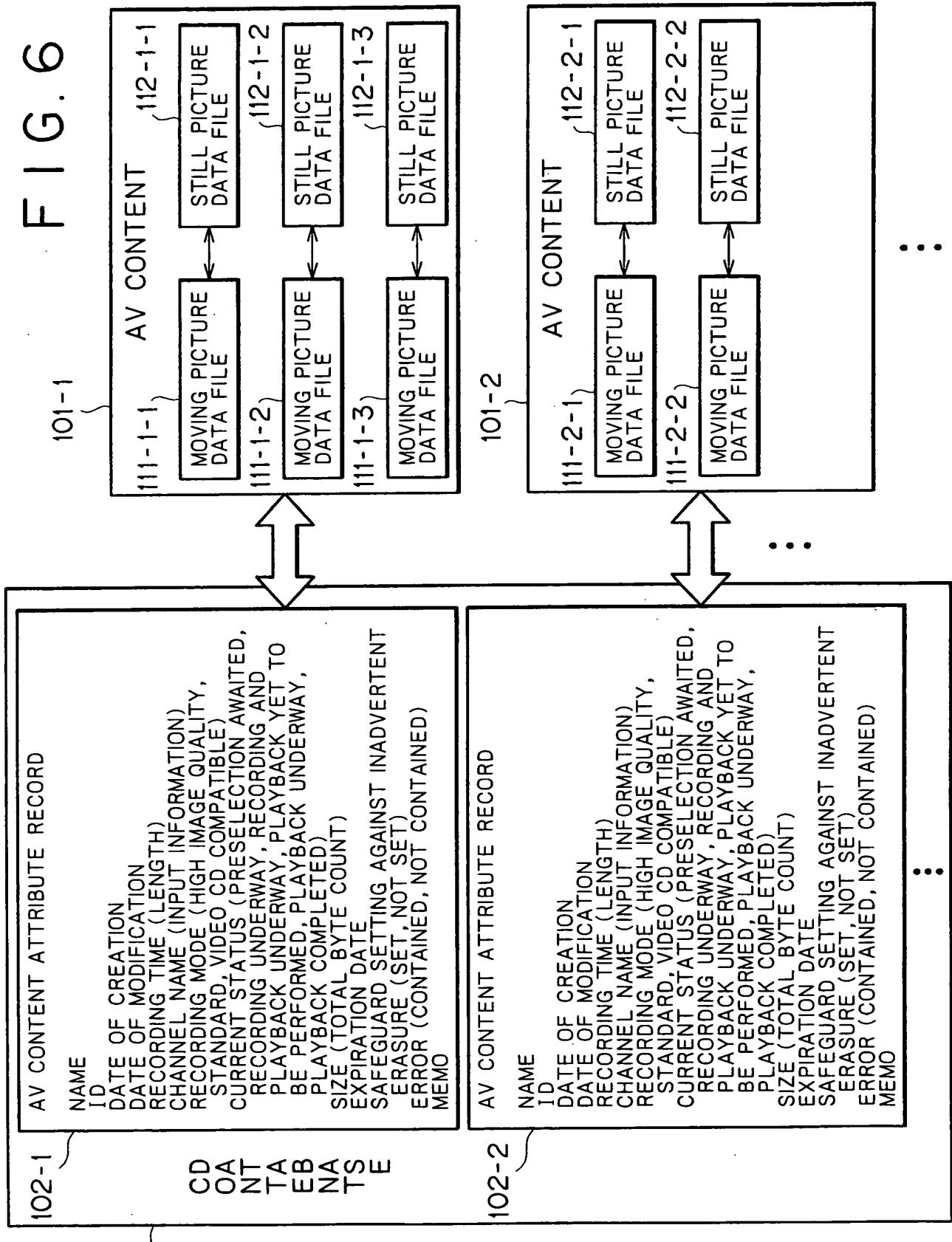


FIG. 5



F | G. 6



102-1

AV CONTENT ATTRIBUTE RECORD

NAME

ID
DATE OF CREATION
DATE OF MODIFICATION
RECORDING TIME (LENGTH)
CHANNEL NAME (INPUT INFORMATION)
RECORDING MODE (HIGH IMAGE QUALITY, STANDARD VIDEO CD COMPATIBLE)
CURRENT STATUS (PRESELECTION AWAITED, RECORDING UNDERWAY, RECORDING AND PLAYBACK UNDERWAY, PLAYBACK YET TO BE PERFORMED, PLAYBACK UNDERWAY, PLAYBACK COMPLETED)
SIZE (TOTAL BYTE COUNT)
EXPIRATION DATE
SAFEGUARD SETTING AGAINST INADVERTENT ERASURE (SET NOT SET)
ERROR (CONTAINED, NOT CONTAINED)
MEMO

92

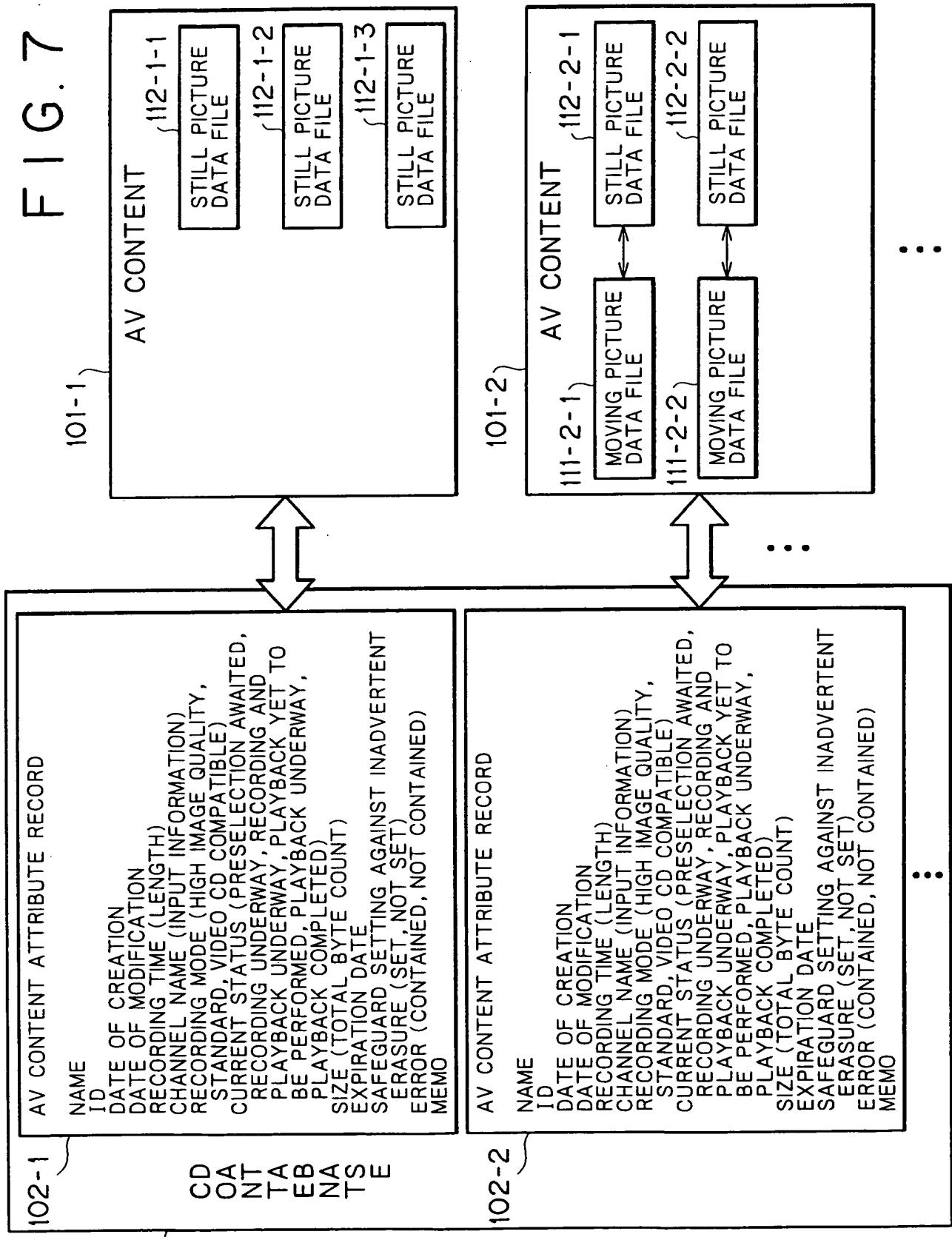
102-2

AV CONTENT ATTRIBUTE RECORD

NAME

ID
DATE OF CREATION
DATE OF MODIFICATION
RECORDING TIME (LENGTH)
CHANNEL NAME (INPUT INFORMATION)
RECORDING MODE (HIGH IMAGE QUALITY, STANDARD VIDEO CD COMPATIBLE)
CURRENT STATUS (PRESELECTION AWAITED, RECORDING UNDERWAY, RECORDING AND PLAYBACK UNDERWAY, PLAYBACK YET TO BE PERFORMED, PLAYBACK UNDERWAY, PLAYBACK COMPLETED)
SIZE (TOTAL BYTE COUNT)
EXPIRATION DATE
SAFEGUARD SETTING AGAINST INADVERTENT ERASURE (SET NOT SET)
ERROR (CONTAINED, NOT CONTAINED)
MEMO

F I G . 7



92

FIG. 8

CONTENT DATABASE {132-1}

AV CONTENT ATTRIBUTE RECORD

NAME	
ID	
DATE OF CREATION	
DATE OF MODIFICATION	
RECORDING TIME (LENGTH)	
CURRENT STATUS (PLAYBACK YET TO BE PERFORMED, PLAYBACK UNDERWAY, PLAYBACK COMPLETED)	
SIZE (TOTAL BYTE COUNT)	
EXPIRATION DATE	
SAFEGUARD SETTING AGAINST INADVERTENT ERASURE (SET, NOT SET) ERROR (CONTAINED, NOT CONTAINED)	
MEMO	

AV CONTENT

{131-1} {121-1}

EDITED DATA FILE

```
ID OF AV CONTENT "a", PLAYBACK STARTING POSITION OF AV  
CONTENT "a", PLAYBACK ENDING POSITION OF AV CONTENT "a"  
ID OF AV CONTENT "b", PLAYBACK STARTING POSITION OF AV  
CONTENT "b", PLAYBACK ENDING POSITION OF AV CONTENT "b"  
ID OF AV CONTENT "c", PLAYBACK STARTING POSITION OF AV  
CONTENT "c", PLAYBACK ENDING POSITION OF AV CONTENT "c"  
ID OF AV CONTENT "d", PLAYBACK STARTING POSITION OF AV  
CONTENT "d", PLAYBACK ENDING POSITION OF AV CONTENT "d"  
...
```

{132-2}

AV CONTENT ATTRIBUTE RECORD

NAME	
ID	
DATE OF CREATION	
DATE OF MODIFICATION	
RECORDING TIME (LENGTH)	
CURRENT STATUS (PLAYBACK YET TO BE PERFORMED, PLAYBACK UNDERWAY, PLAYBACK COMPLETED)	
SIZE (TOTAL BYTE COUNT)	
EXPIRATION DATE	
SAFEGUARD SETTING AGAINST INADVERTENT ERASURE (SET, NOT SET) ERROR (CONTAINED, NOT CONTAINED)	
MEMO	

AV CONTENT

{131-2} {121-2}

EDITED DATA FILE

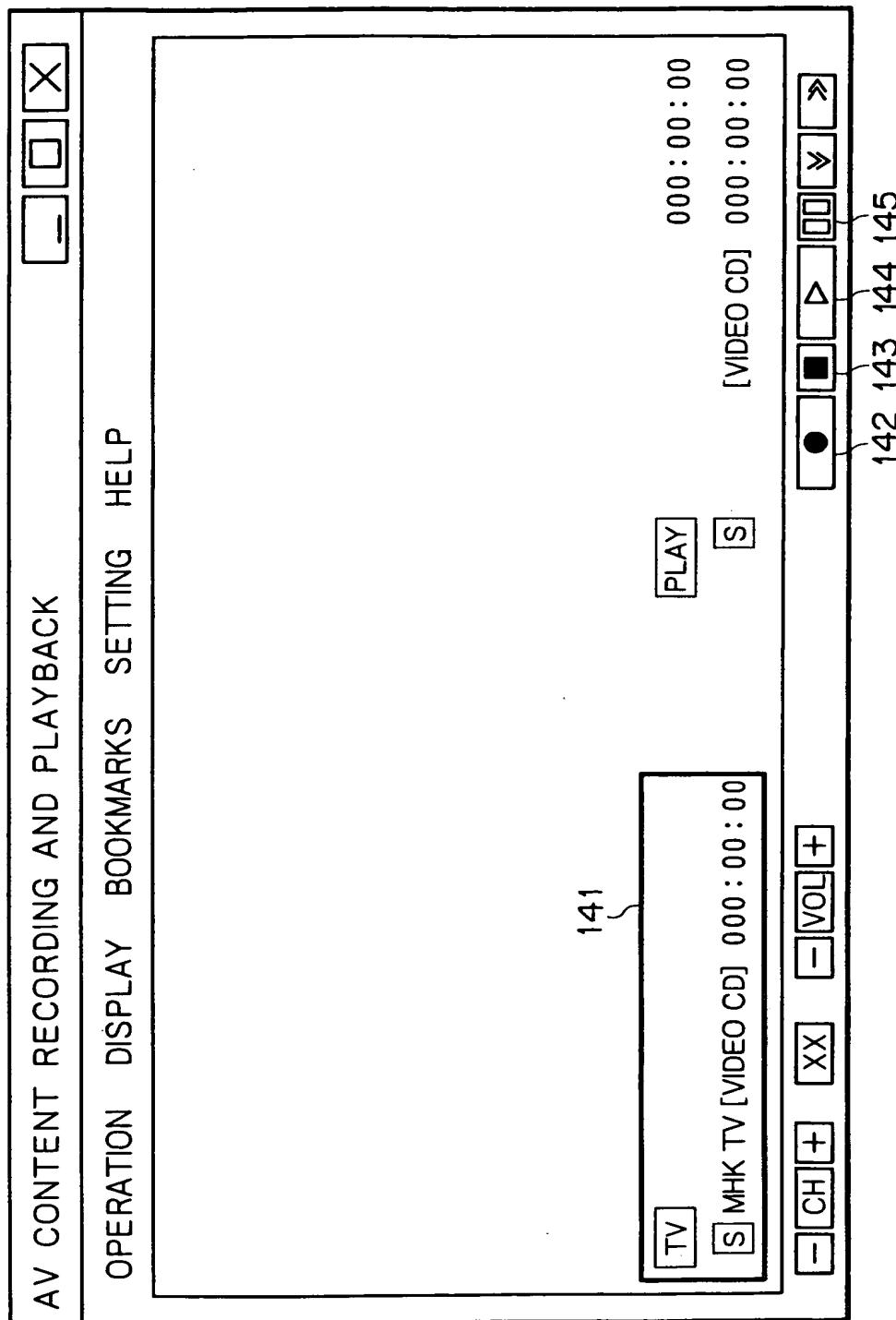
```
ID OF AV CONTENT "p", PLAYBACK STARTING POSITION OF AV  
CONTENT "p", PLAYBACK ENDING POSITION OF AV CONTENT "p"  
ID OF AV CONTENT "q", PLAYBACK STARTING POSITION OF AV  
CONTENT "q", PLAYBACK ENDING POSITION OF AV CONTENT "q"  
ID OF AV CONTENT "r", PLAYBACK STARTING POSITION OF AV  
CONTENT "r", PLAYBACK ENDING POSITION OF AV CONTENT "r"  
ID OF AV CONTENT "s", PLAYBACK STARTING POSITION OF AV  
CONTENT "s", PLAYBACK ENDING POSITION OF AV CONTENT "s"  
...
```

:::

:::

:::

F | G. 9



F | G. 10

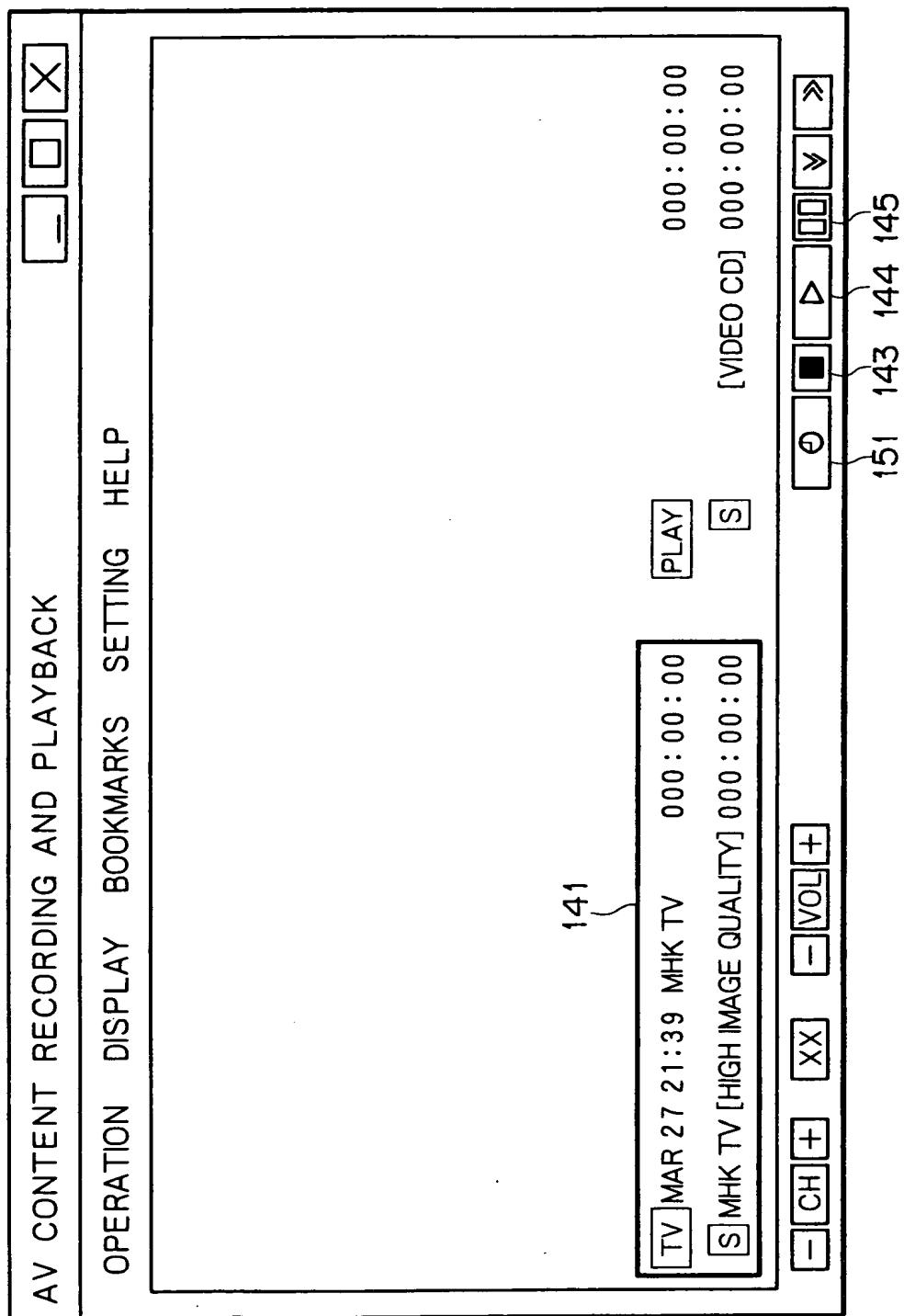


FIG. 11A

MAXIMUM
→ RECORDABLE → 30 MIN. → 1 HR. → 1 HR. 30 MIN. → 2 HR. → 2 HR. 30 MIN. → 3 HR.
TIME

FIG. 11B

MAXIMUM
→ RECORDABLE → 1 HR. → 1 HR. 30 MIN. → 2 HR. → 2 HR. 30 MIN. → 3 HR.
TIME

FIG. 11C

MAXIMUM
→ RECORDABLE → 2 HR. → 2 HR. 30 MIN. → 3 HR.
TIME

F I G.12

RECORDING END TIME SETTING X

SET RECORDING DURATION

TERMINATE RECORDING SINCE STARTING:

30 MIN. ▼ LATER

30 MIN.

1 HR.

1 HR. 30 MIN.

2 HR.

2 HR. 30 MIN.

3 HR.

TERMINATE RECORDING AT:
(ENDING AT:)

SPECIFY MAXIMUM RECORDABLE TIME
(ENDING AT:) 23:22 ON FEB 24

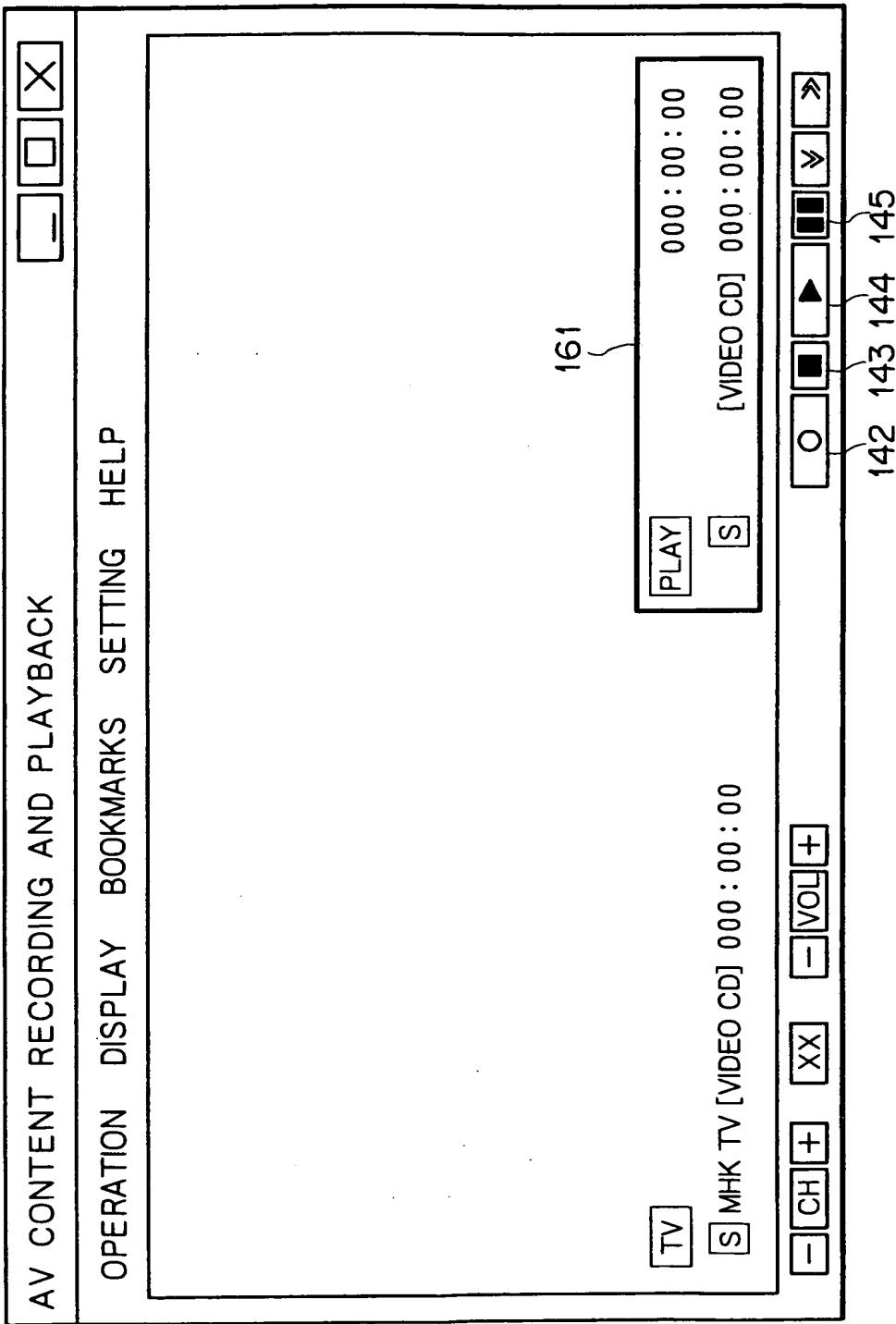
OK CANCEL HELP

F I G.13

00000000000000000000000000000000

RECORDING END TIME SETTING		<input checked="" type="checkbox"/>
SET RECORDING DURATION		
<input type="radio"/> TERMINATE RECORDING SINCE STARTING: 30 MIN. <input type="button" value="▼"/> LATER		
<input type="radio"/> TERMINATE RECORDING AT: (ENDING AT:) <input type="button" value="12"/> <input type="button" value="▲"/> : <input type="button" value="34"/> <input type="button" value="▼"/>		
<input checked="" type="radio"/> SPECIFY MAXIMUM RECORDABLE TIME (ENDING AT:) <input type="text" value="23:22 ON FEB 24"/>		
<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>	<input type="button" value="HELP"/>

FIG. 14



F | G. 15

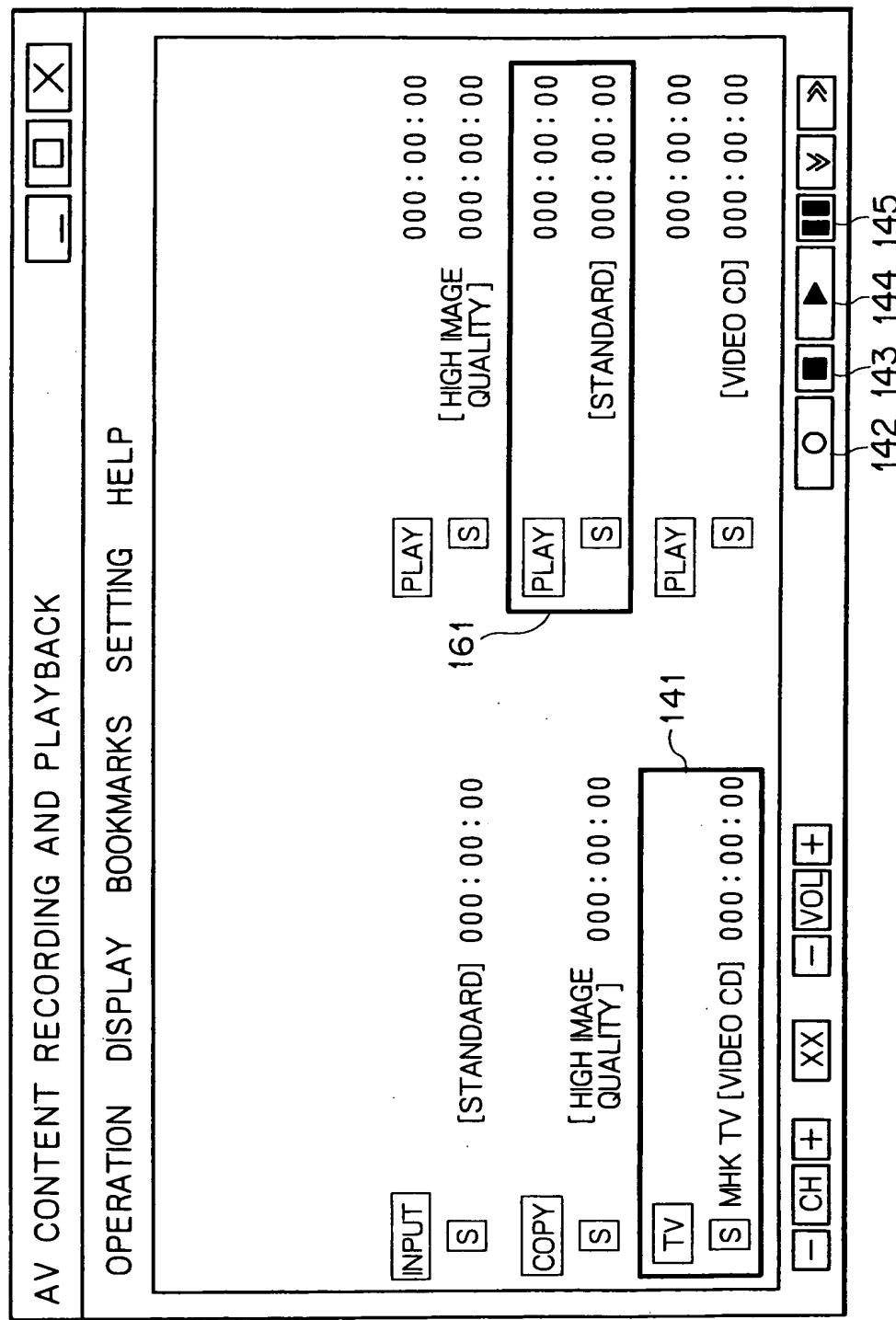


FIG. 16

AV CONTENT RECORDING AND PLAYBACK

OPERATION DISPLAY BOOKMARKS SETTING HELP

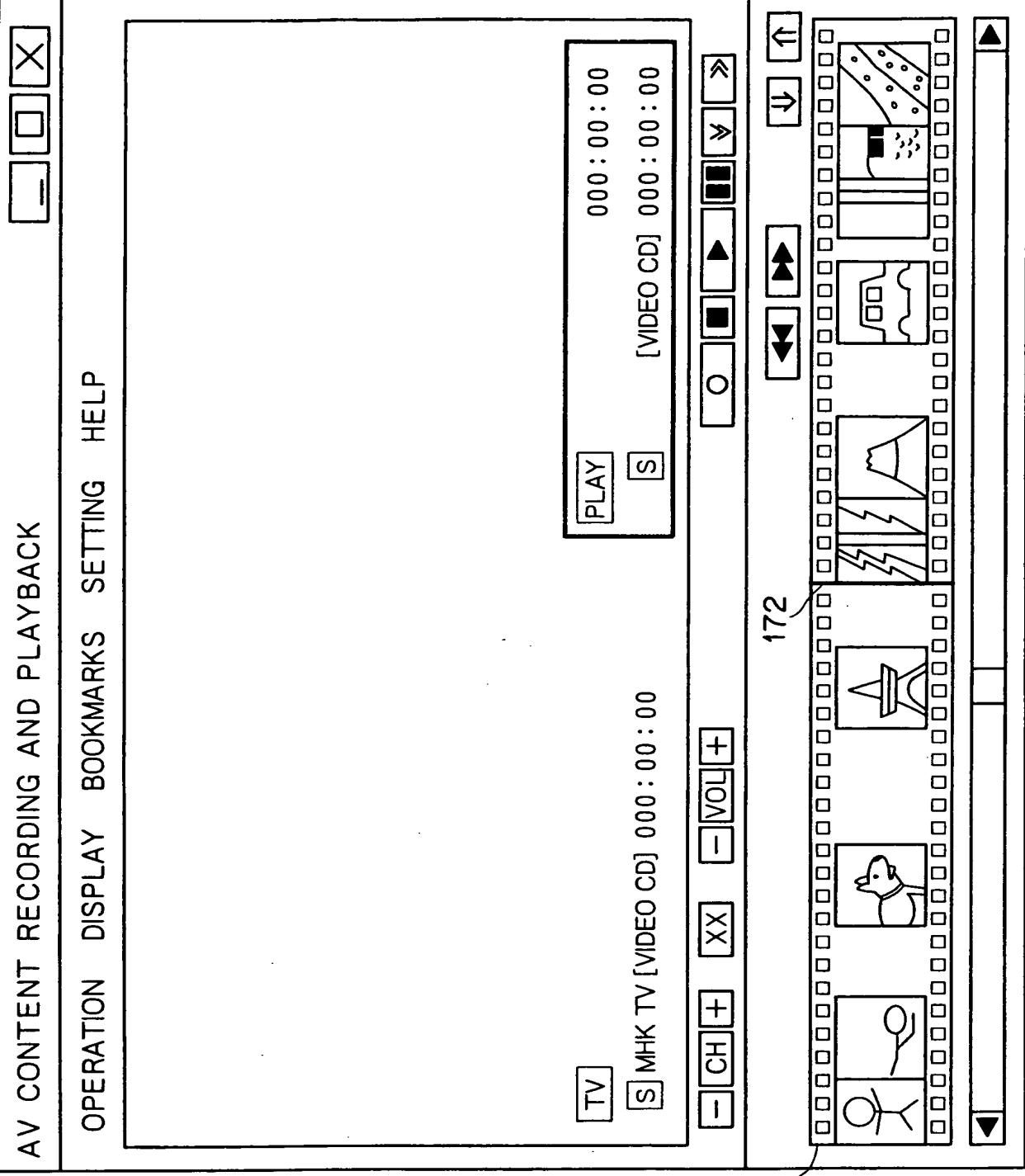


FIG.17

AV CONTENT EDITING

PLAY LIST OPERATION DISPLAY HELP TAPE SELECTION

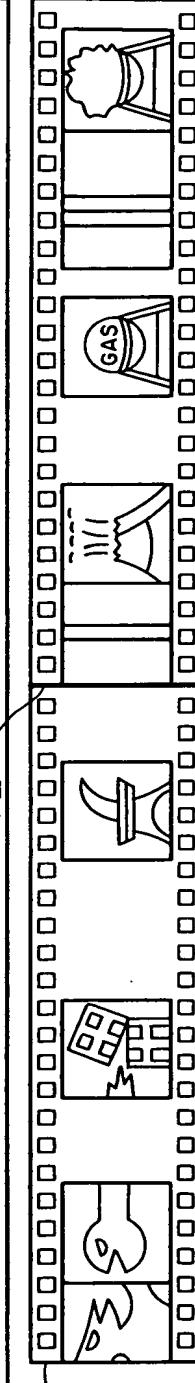
MAR 27 21:39 KKK TV
MAR 27 20:31 VVV TV

CUT NAME	<input type="text"/>	ADD TO PLAY LIST
CUT 1		
PLAY LIST		
CUT NAME	IN POINT	OUT POINT
		MATERIAL

181

SET FOR "IN"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SET FOR "OUT"
MAR 27 20:31 VVV TV		TOTAL TIME 00:00:00	
REDO	REDO	CHECK	PREVIEW
CHECK	CHECK	00:02:01	SAVE LIST
CREATE CUT	ERASE		
00:00:00	183		

185

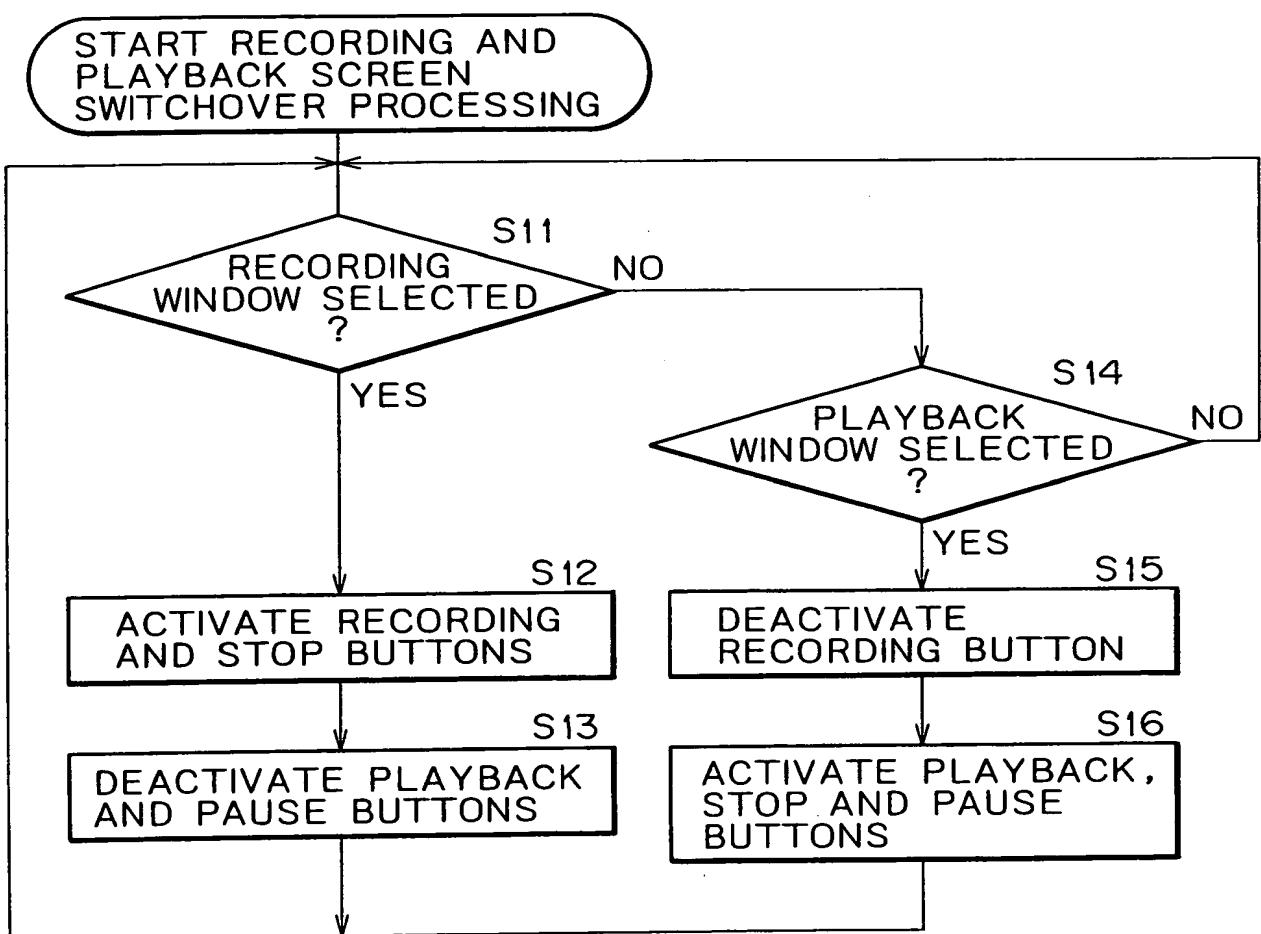


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PREVIOUS SCENE PREVIOUS GOP
NEXT GOP NEXT SCENE

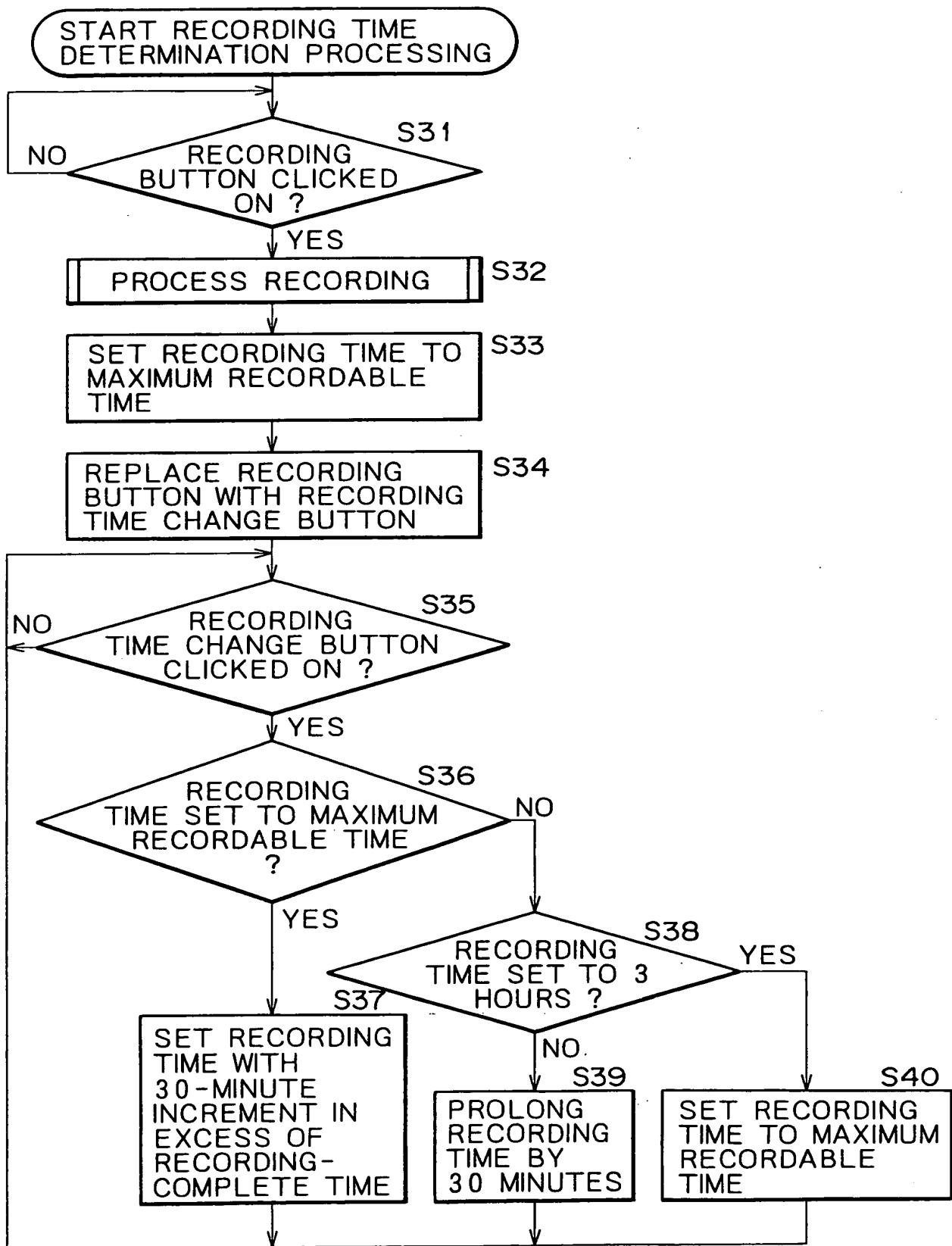


F I G. 18

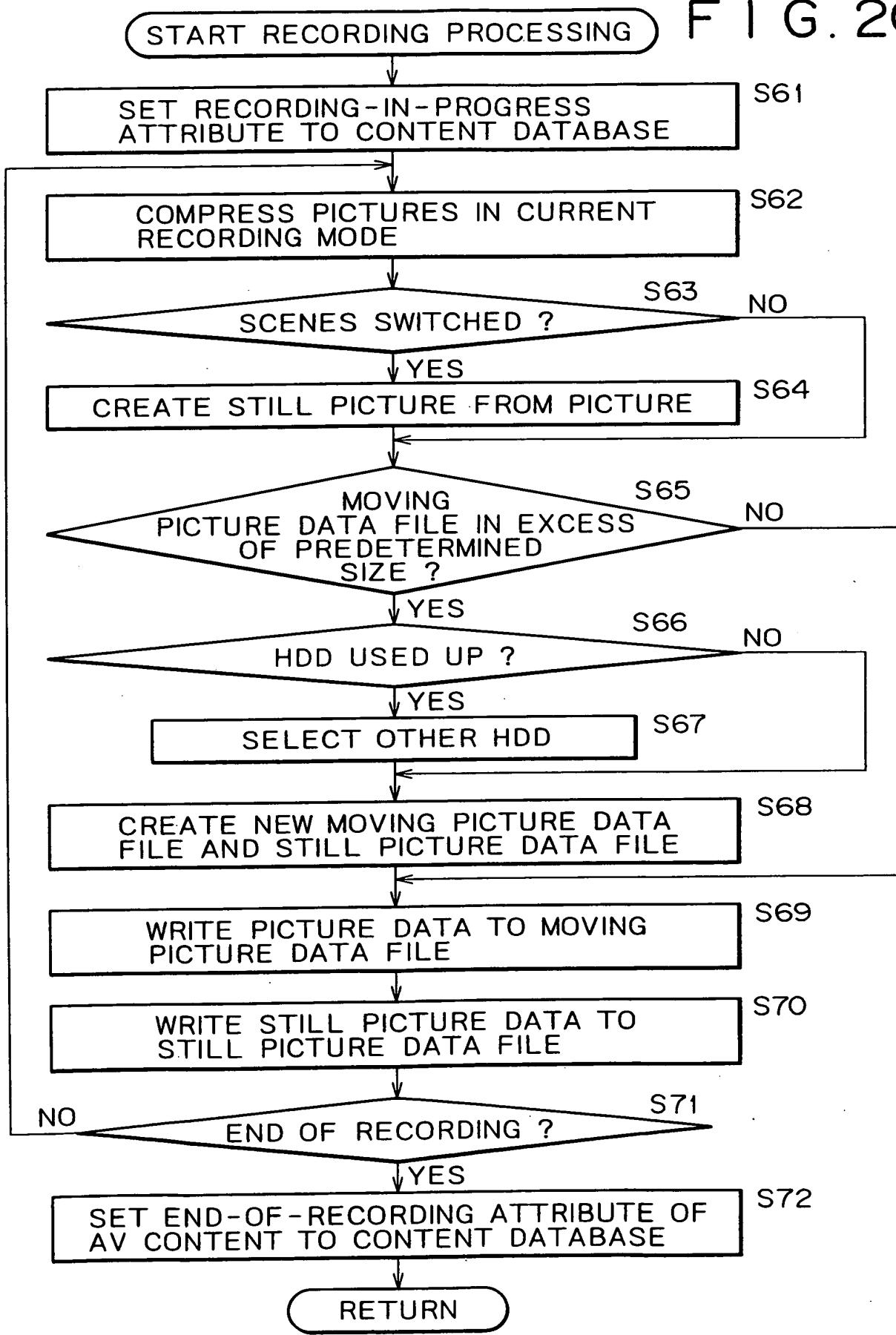


001340-64655550

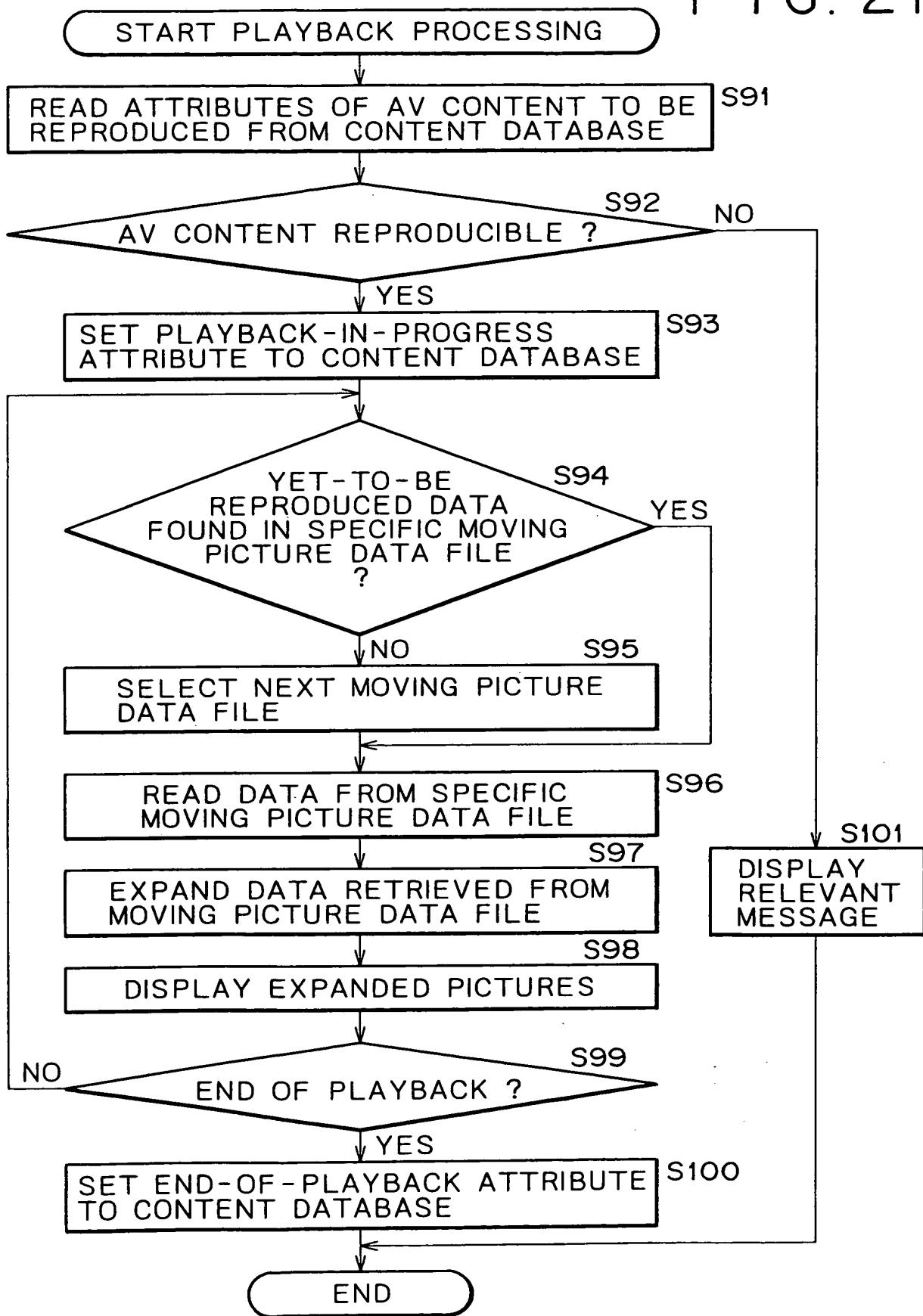
F I G. 19



F I G. 20

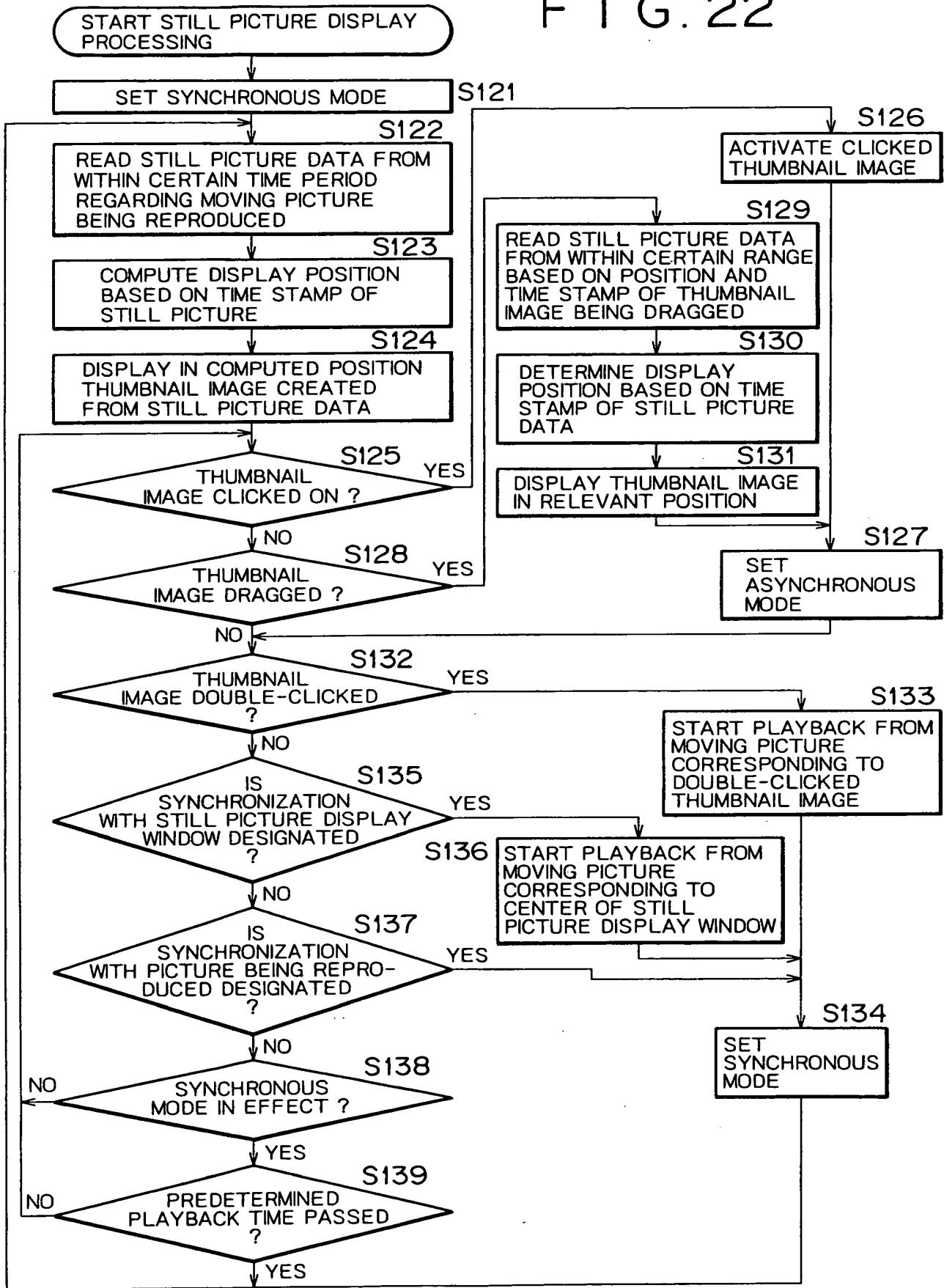


F I G . 21



00000000-0000-0000-0000-000000000000

F I G. 22



0022026942-0424100

FIG. 23

AV CONTENT MANAGEMENT AND SEARCH

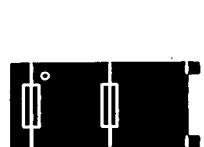
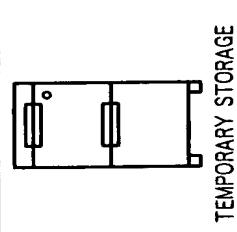
AV CONTENT RECORDING PRESELECTION CYBERCODE DISPLAY TOOLS HELP

NO SCENE INFORMATION

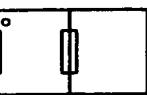
AV CONTENT NAME :
DATE OF CREATION :
RECORDING TIME :
CHANNEL :
RECORDING MODE :
DATE OF PLAYBACK :
MEMO

APPROX. MAX RECORDABLE TIME
STANDARD 12:34
HIGH IMAGE QUALITY 9:56
VIDEO CD 65:32

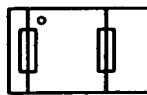
DISK USE STATUS



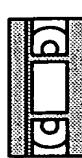
DRAMA



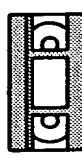
SPORTS



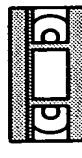
COMEDY



DRAMA :
BIG MOUNTAINS 3



DRAMA :
BIG MOUNTAINS 2



DRAMA :
BIG MOUNTAINS

204

203

202

F I G. 24

AV CONTENT MANAGEMENT AND SEARCH

204

The screenshot shows a menu with the following options:

- AV CONTENT
- RECORDING PRESELECTION
- CYBERCODE
- DISPLAY
- TOOLS
- HELP

Below the menu, there are three content items listed:

- DRAMA : BIG MOUNTAINS 3
- DRAMA : BIG MOUNTAINS 2
- DRAMA : BIG MOUNTAINS

Each item has a small icon to its left.

Below these items is a section titled "TEMPORARY STORAGE" containing a list of recorded programs:

	DRAMA	SPORTS	COMEDY
1			
2			
3			

At the bottom of the screen, there is a status bar with the following information:

- AV CONTENT NAME: DRAMA : BIG MOUNTAINS 2
- DATE OF CREATION: 5/1/99 19:59
- RECORDING TIME: 00:00
- CHANNEL: VAIO TV
- RECORDING MODE: STANDARD
- DATE OF PLAYBACK: 4/8 10:57
- MEMO

On the right side of the status bar, there is a circular progress bar labeled "DISK USE STATUS".

201

202

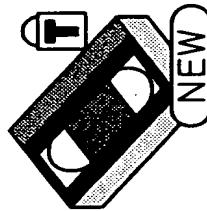
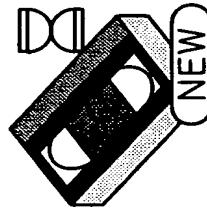
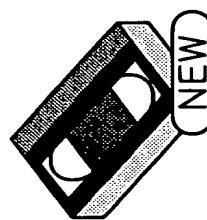
203

0012400-046960

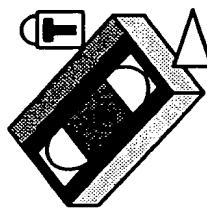
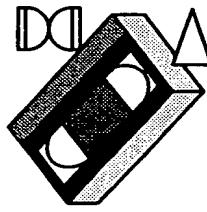
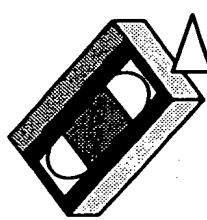
F I G. 25A F I G. 25B F I G. 25C F I G. 25D



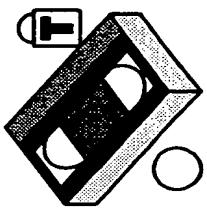
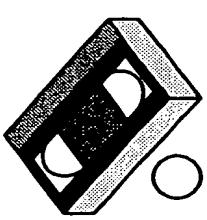
F I G. 25E F I G. 25F F I G. 25G



F I G. 25H F I G. 25I F I G. 25J



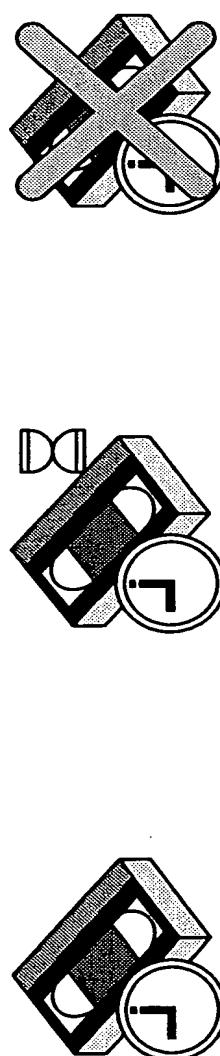
F I G. 25K F I G. 25L F I G. 25M



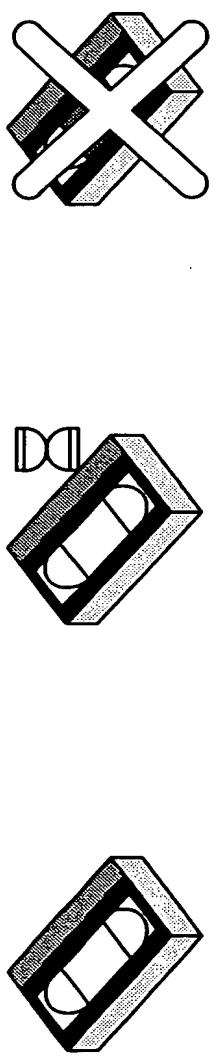
F I G. 26A F I G. 26B F I G. 26C



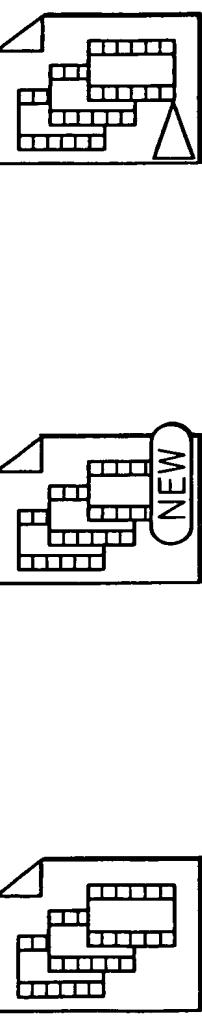
F I G. 26D F I G. 26E F I G. 26F



F I G. 26G F I G. 26H F I G. 26I



F I G. 26J F I G. 26K F I G. 26L



F I G. 26M

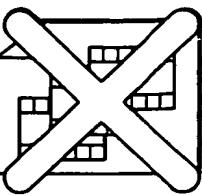


FIG. 27

AV CONTENT MANAGEMENT AND SEARCH

AV CONTENT RECORDING PRESELECTION CYBERCODE DISPLAY TOOLS HELP

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AV CONTENT NAME	DATE OF CREATION	STATUS	LIBRARY NAME	RECORDING TIME	CHANNEL
COMMERCIAL 1	5/1/1999	PLAYBACK COMPLETED	CM COLLECTION	0:09:00	YUHI TV
COMMERCIAL 2	5/1/1999	PLAYBACK COMPLETED	CM COLLECTION	0:04:00	KAKUJITSU TV
COMMERCIAL 3	5/1/1999	PLAYBACK COMPLETED	CM COLLECTION	0:05:00	TAKA TV
DRAMA: BIG MOUNTAINS 1	8/1/1999	PLAYBACK UNDERWAY	DRAMA	0:45:00	MGU TV
DRAMA: BIG MOUNTAINS 2	8/8/1999	PLAYBACK COMPLETED	DRAMA	0:45:00	MGU TV
LOCAL NEWS 1	7/15/1999	PLAYBACK COMPLETED	NEWS	0:30:00	DNA
LOCAL NEWS 2	7/16/1999	PLAYBACK COMPLETED	NEWS	0:30:00	DNA
.					
.					

NO SCENE INFORMATION

AV CONTENT NAME :
DATE OF CREATION :
RECORDING TIME :
CHANNEL :
RECORDING MODE :
DATE OF PLAYBACK :
MEMO :

APPROX. MAX RECORDABLE TIME
STANDARD 12:34
HIGH IMAGE QUALITY 9:26
VIDEO CD 65:32

DISK USE STATUS

201

202

E - G. 28

AV CONTENT MANAGEMENT AND SEARCH

AV CONTENT RECORDING PRESELECTION CYBERCODE DISPLAY TOOLS HELP

**NO SCENE
INFORMATION**

NO SCENE INFORMATI				
AV CONTENT NAME :				
DATE OF CREATION :				
RECORDING TIME :				
CHANNEL :				
RECORDING MODE :				
DATE OF PLAYBACK :				
MEMO				

APPROX. MAX RECORDABLE TIME
STANDARD 12:34
HIGH IMAGE QUALITY 9:26
VIDEO CD 65:32

DISK USE STATUS

X

HELP

PREVIOUS MONTH	MARCH	NEXT MONTH		SAT
TUE	WED	THU	FRI	

ANSWER

ANSWER

100

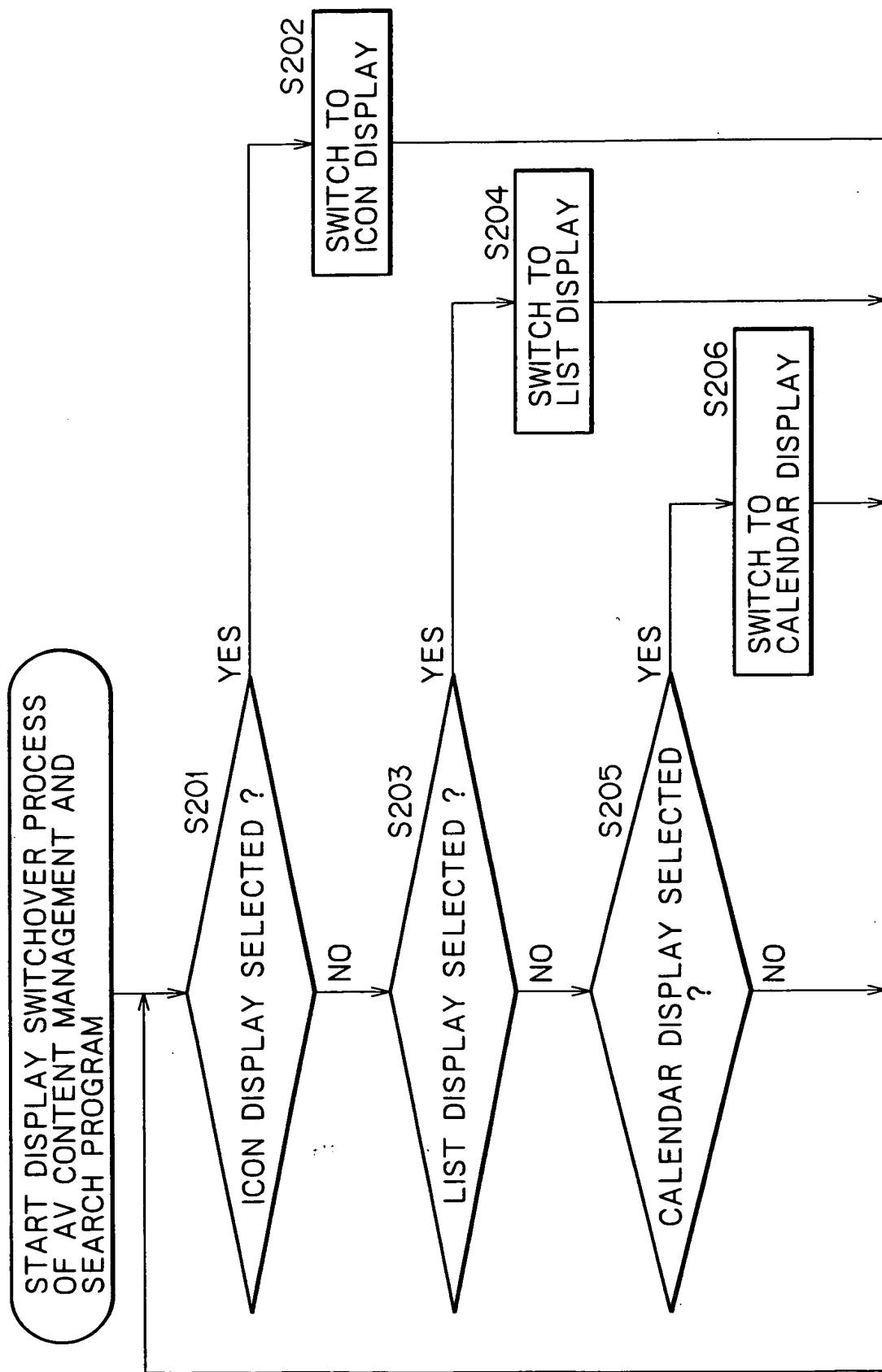
100

APPROX. MAX RECORDABLE TIME
STANDARD 12:34
HIGH IMAGE QUALITY 9:26
VIDEO CD 6:53

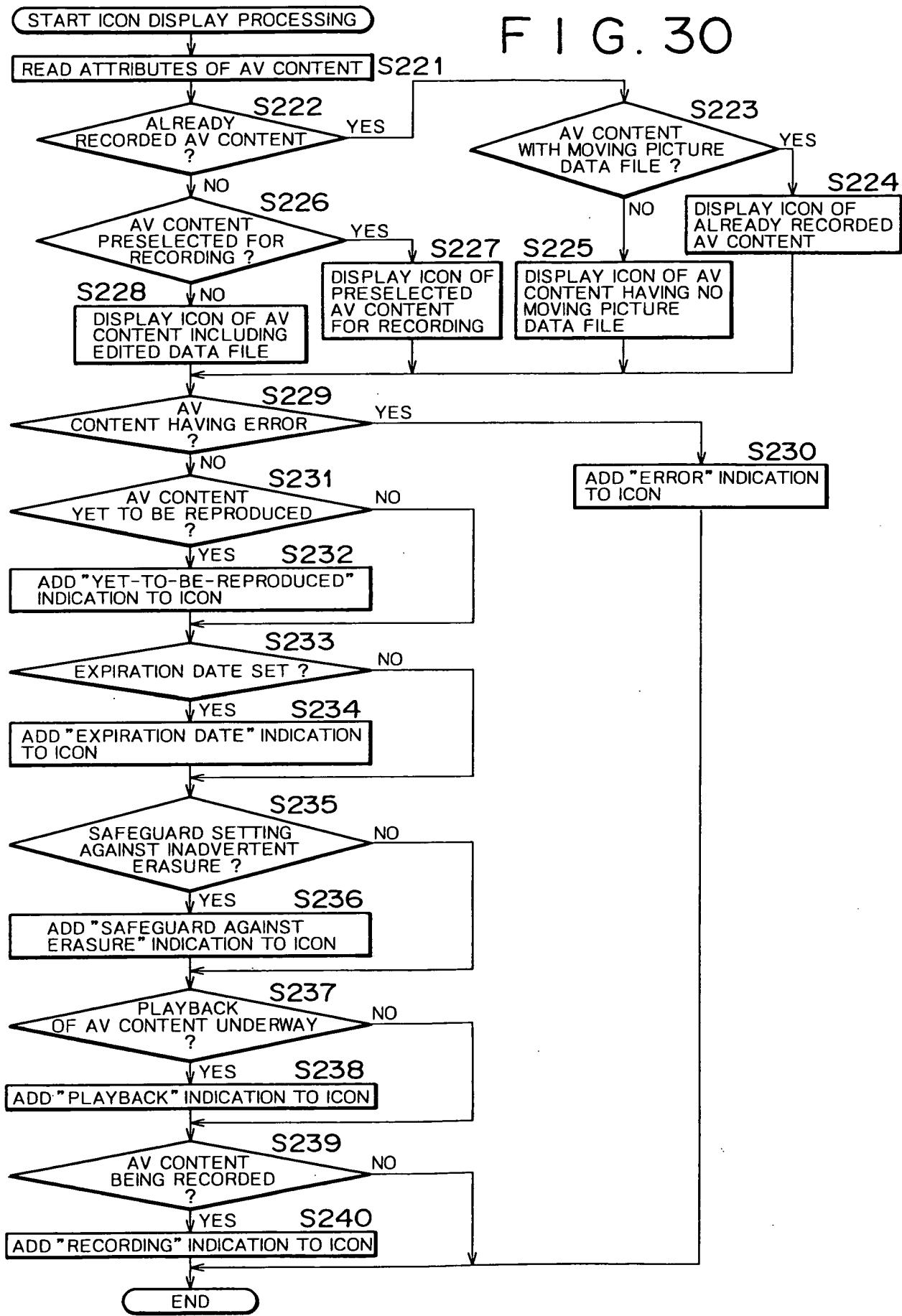
A circular icon divided into four quadrants. The top-left quadrant is shaded black, while the other three are white.

201

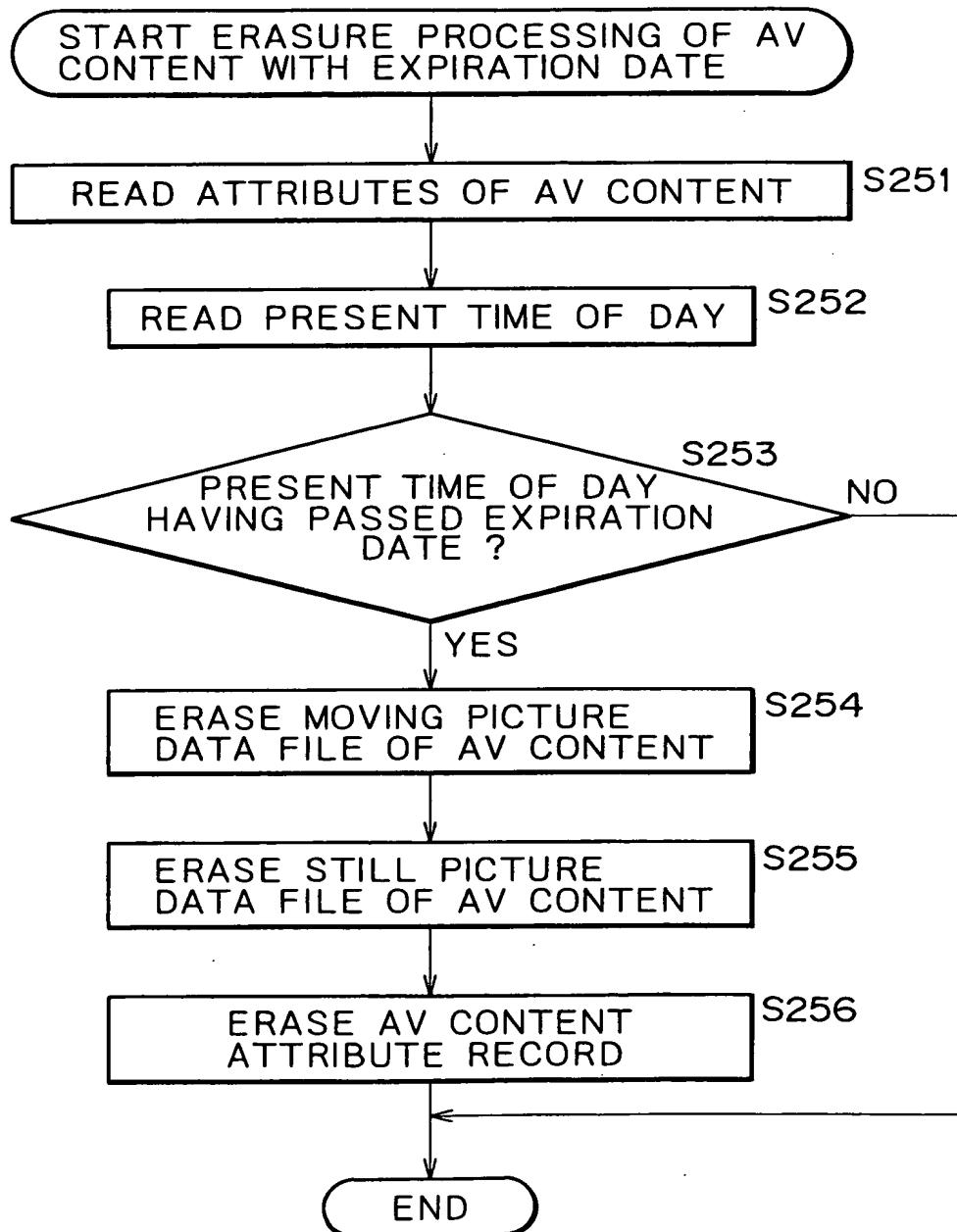
FIG. 29



F I G. 30

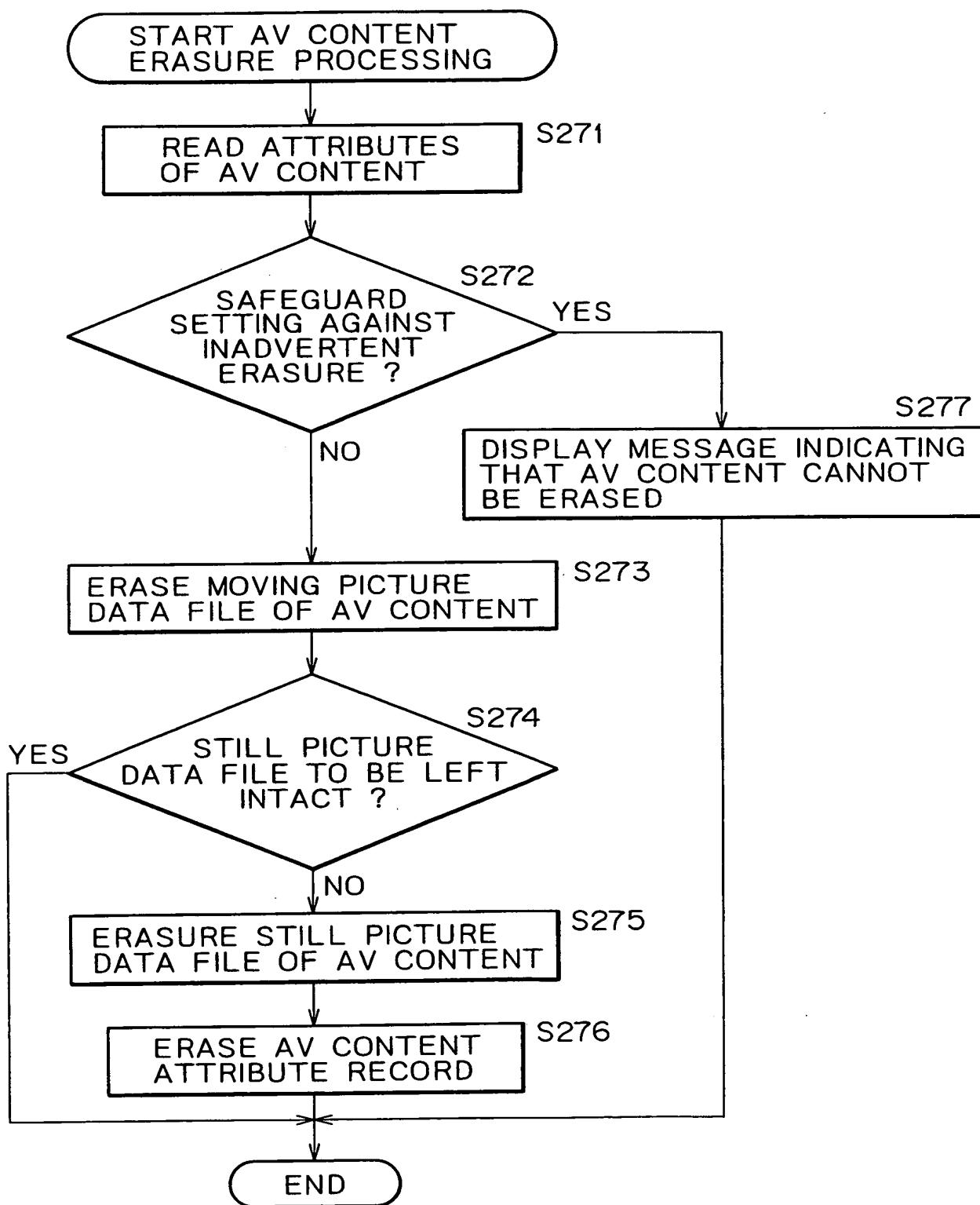


F I G. 31

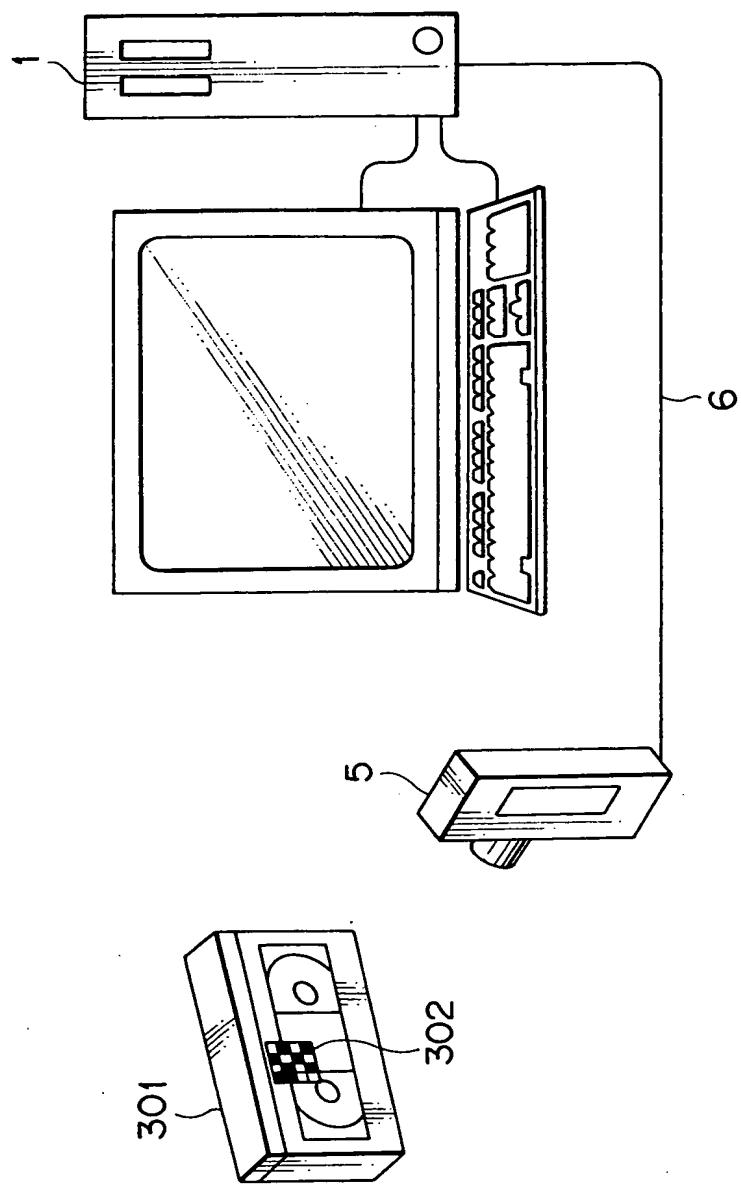


00000000000000000000000000000000

F I G. 32



F | G. 33



F | G. 34

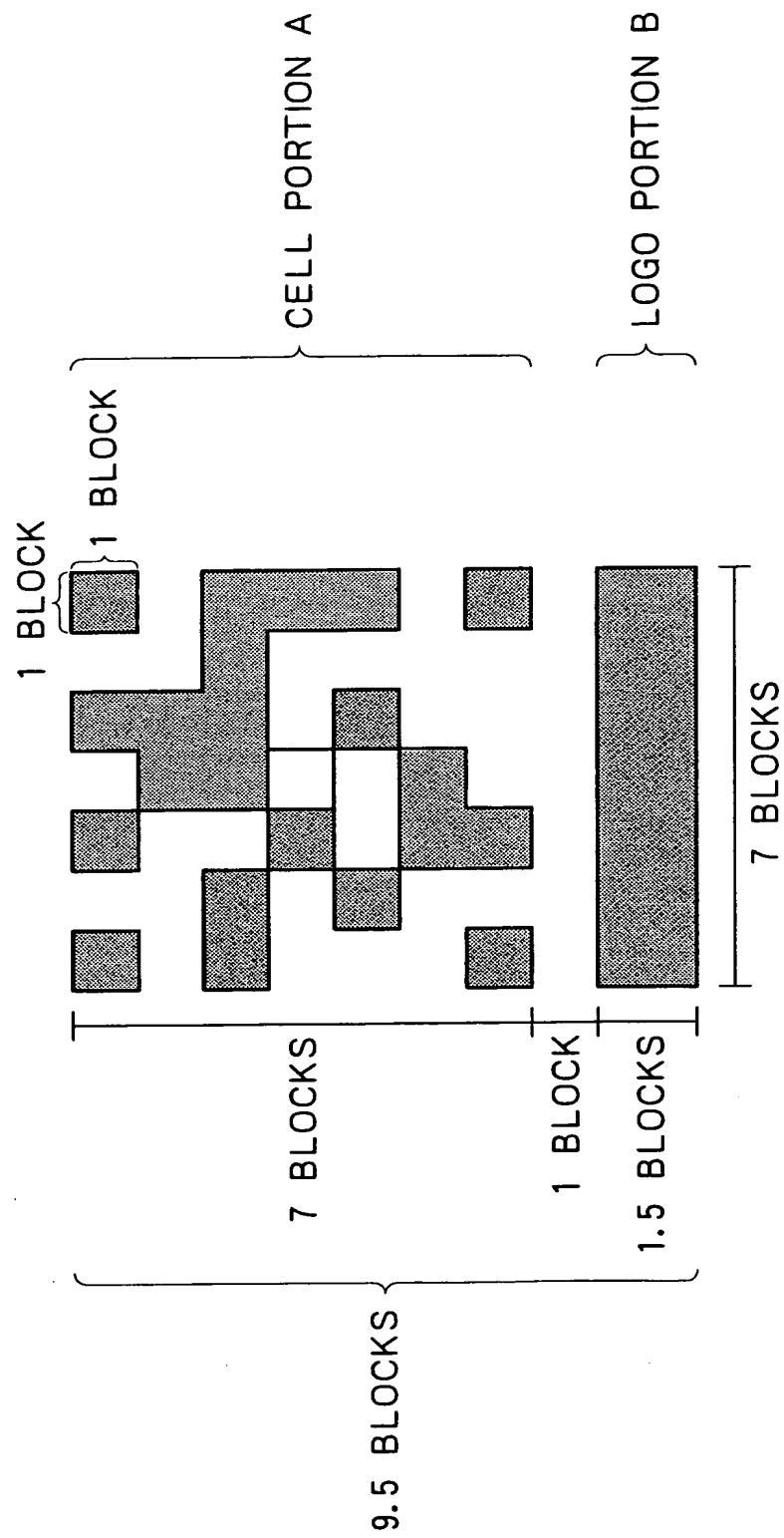
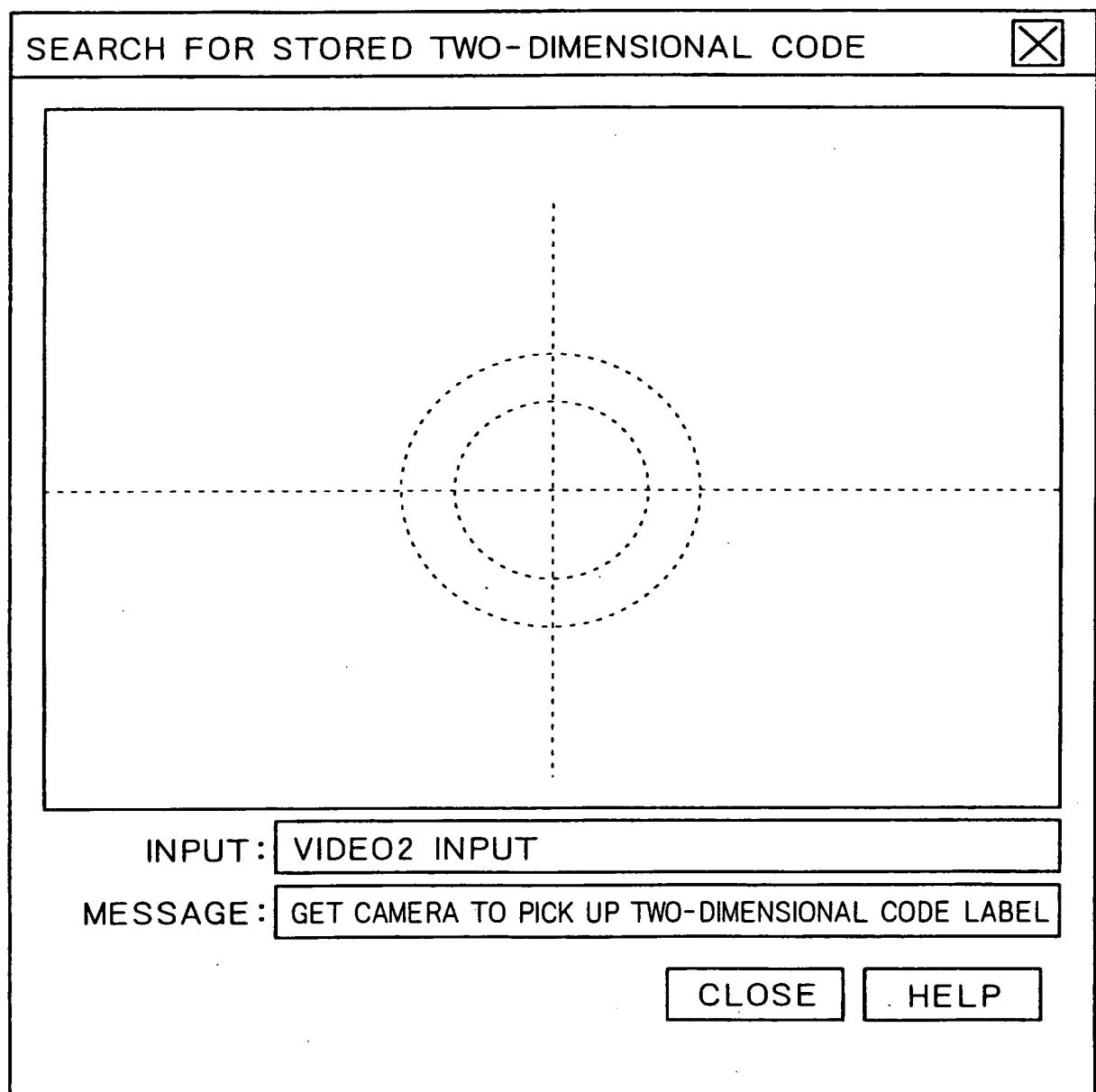


FIG. 35



F I G. 36

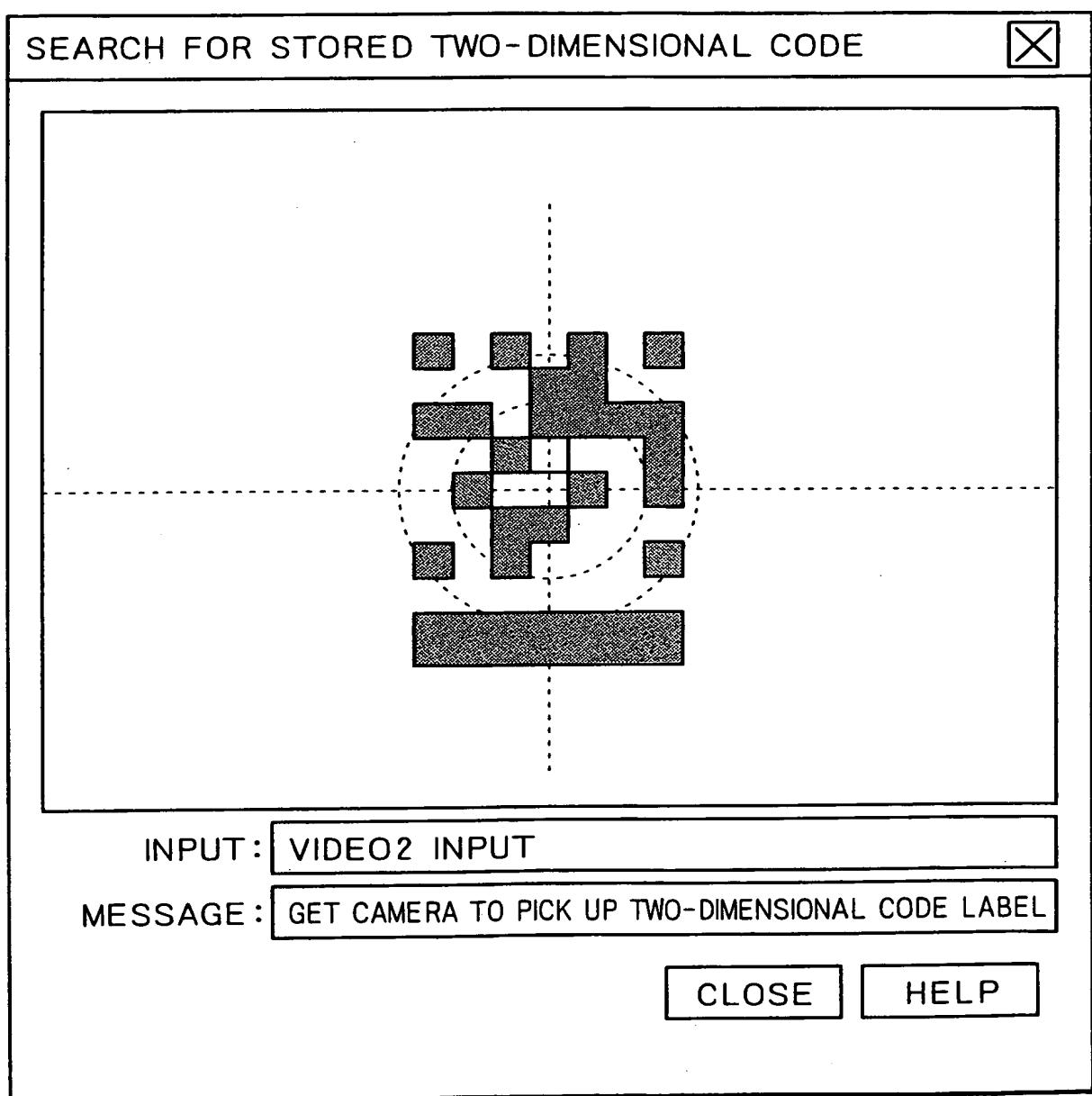
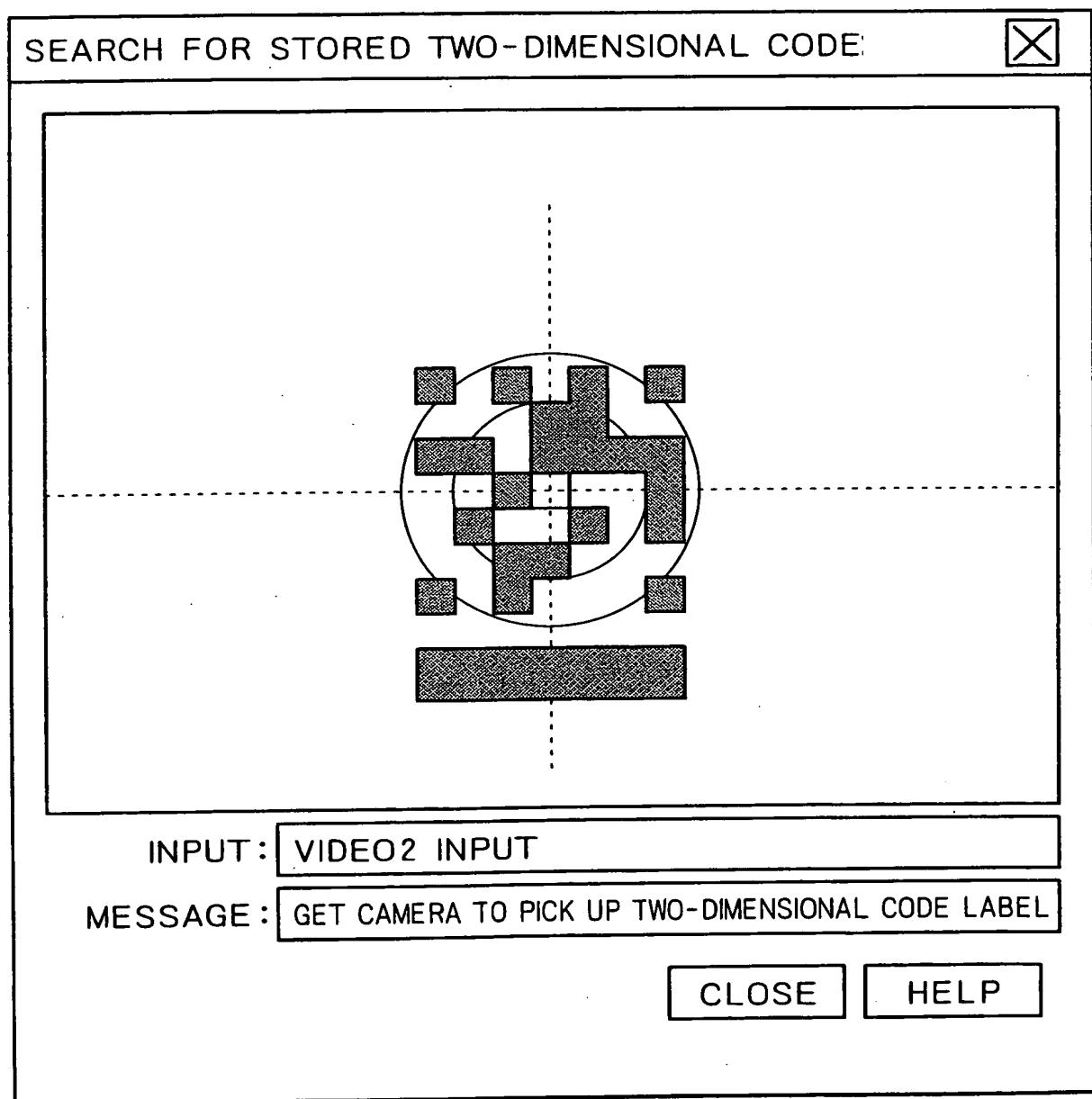


FIG. 37



F I G. 38

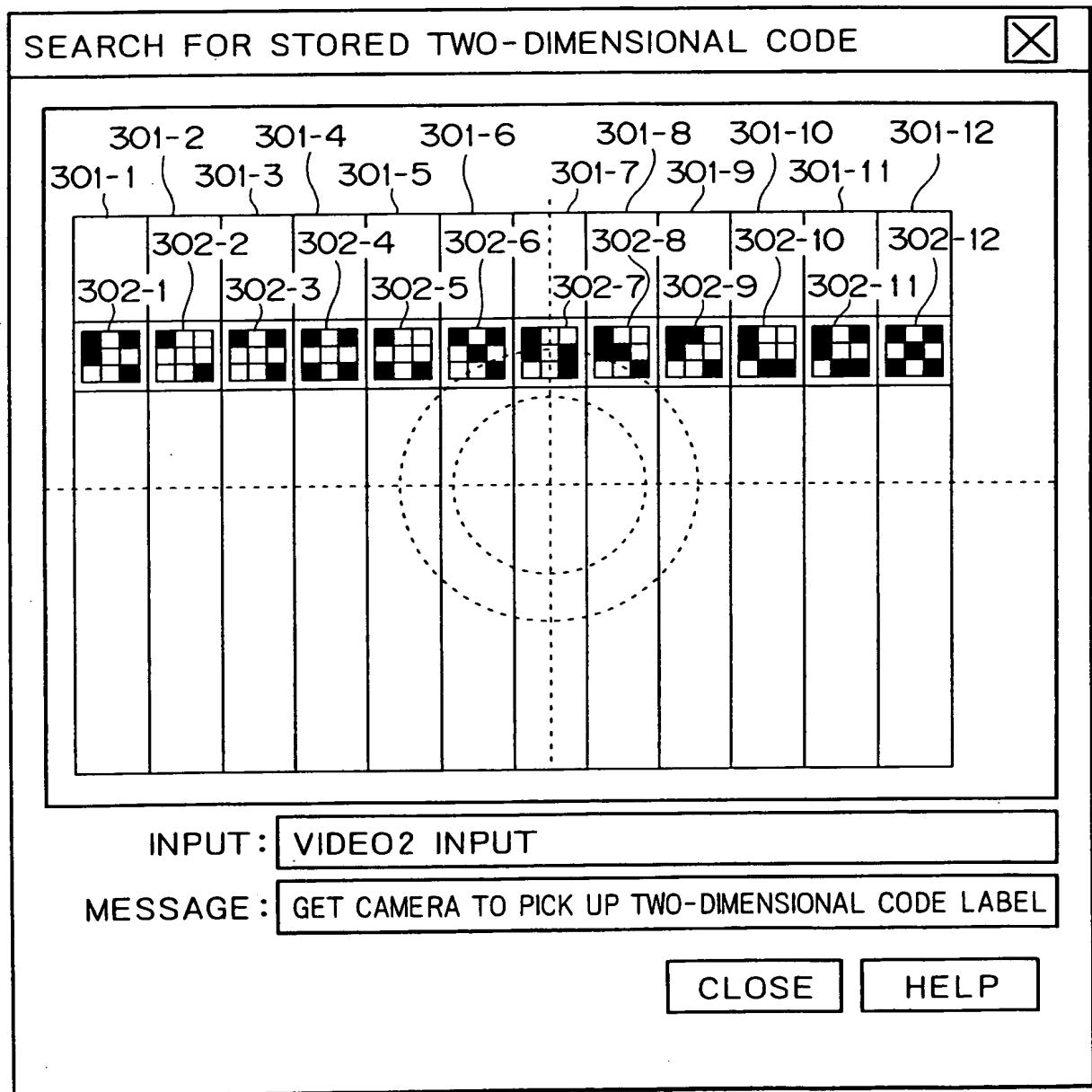
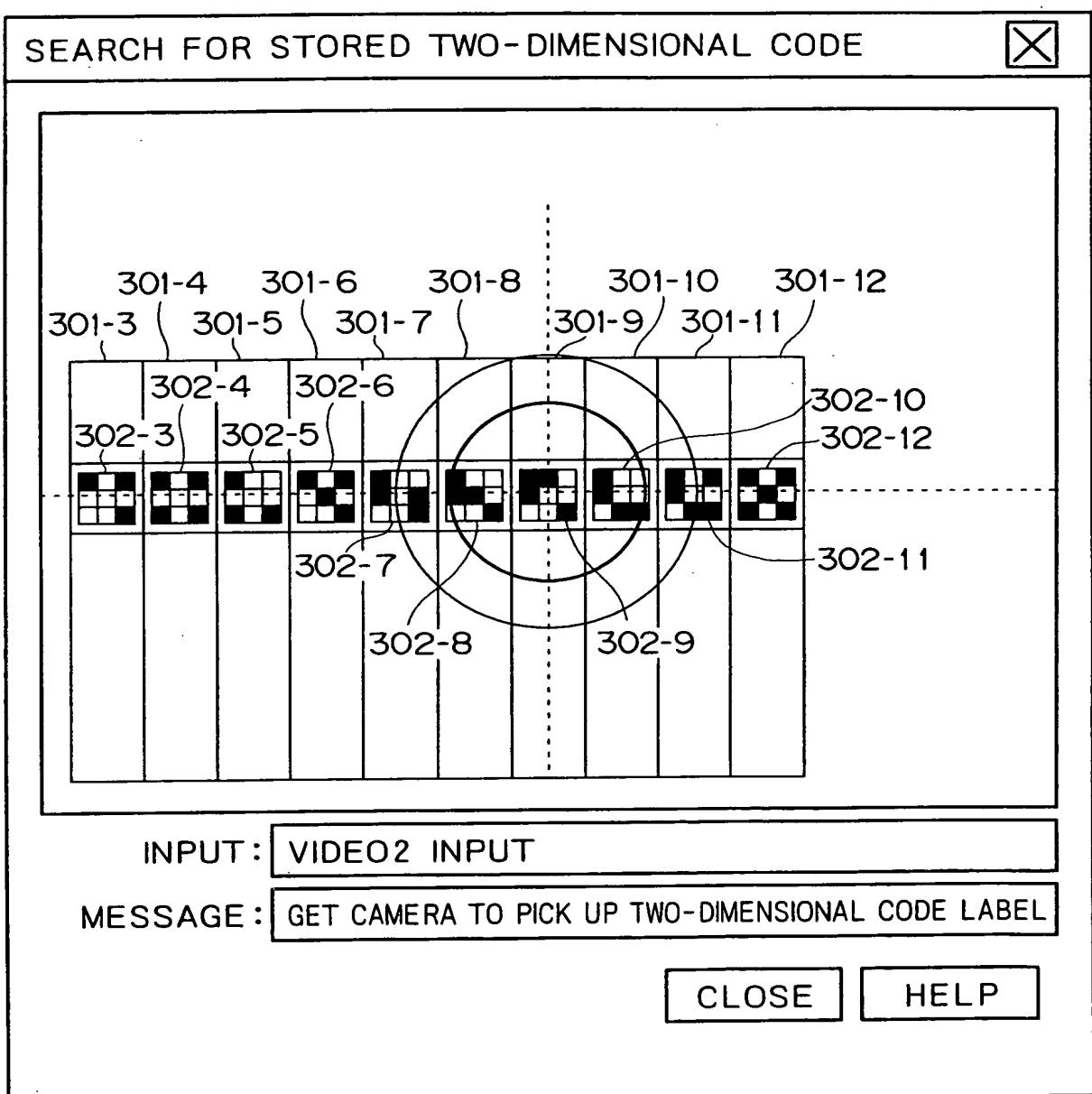


FIG. 39



F I G. 40

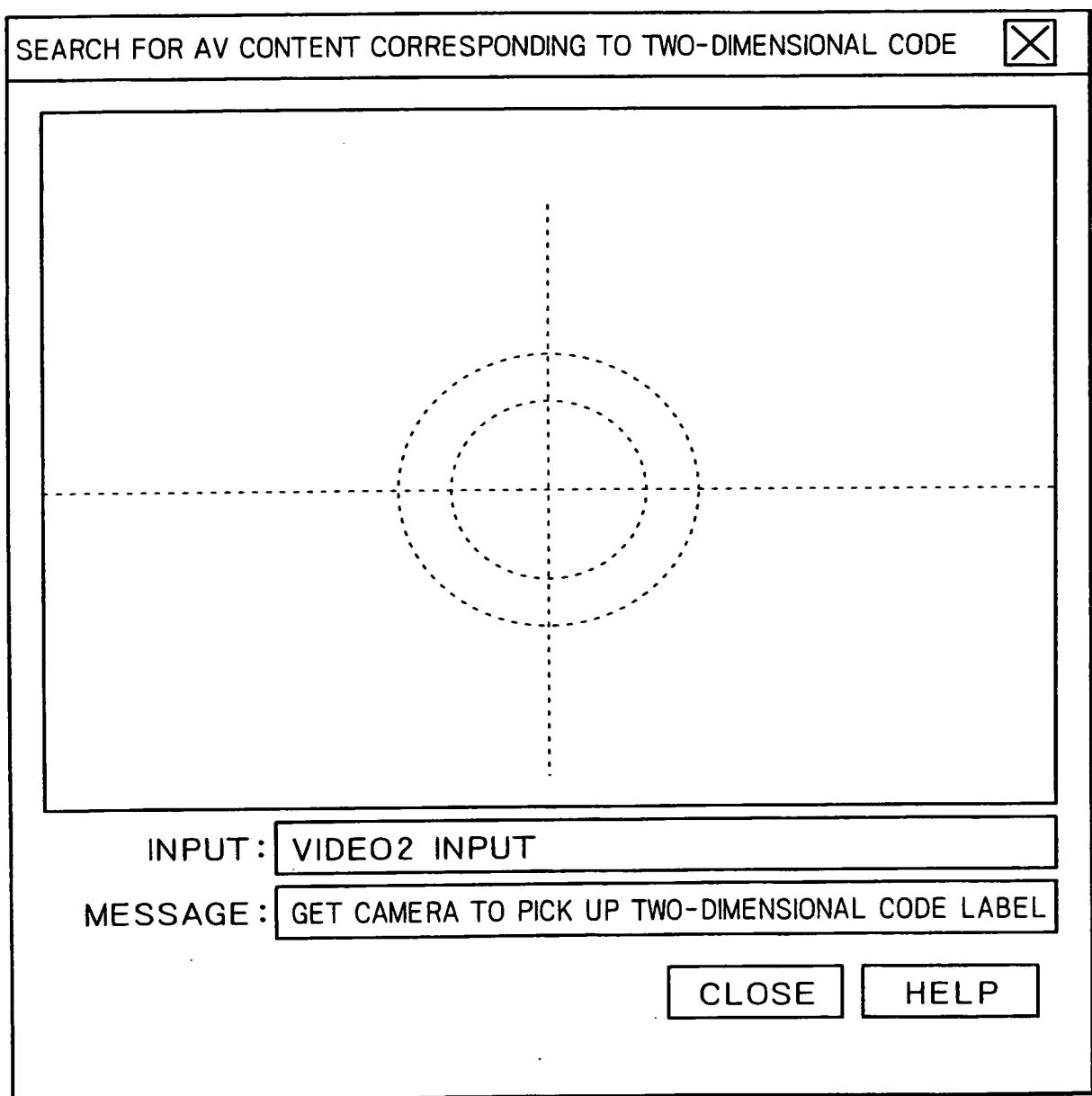
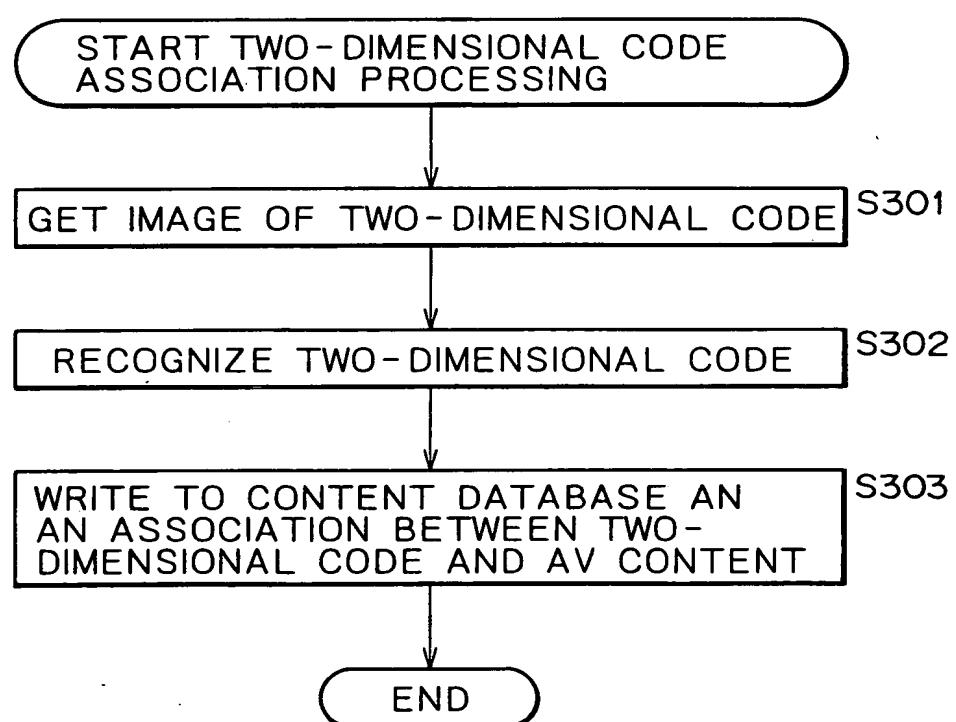


FIG. 41



09556949 - 09556948

F I G. 42

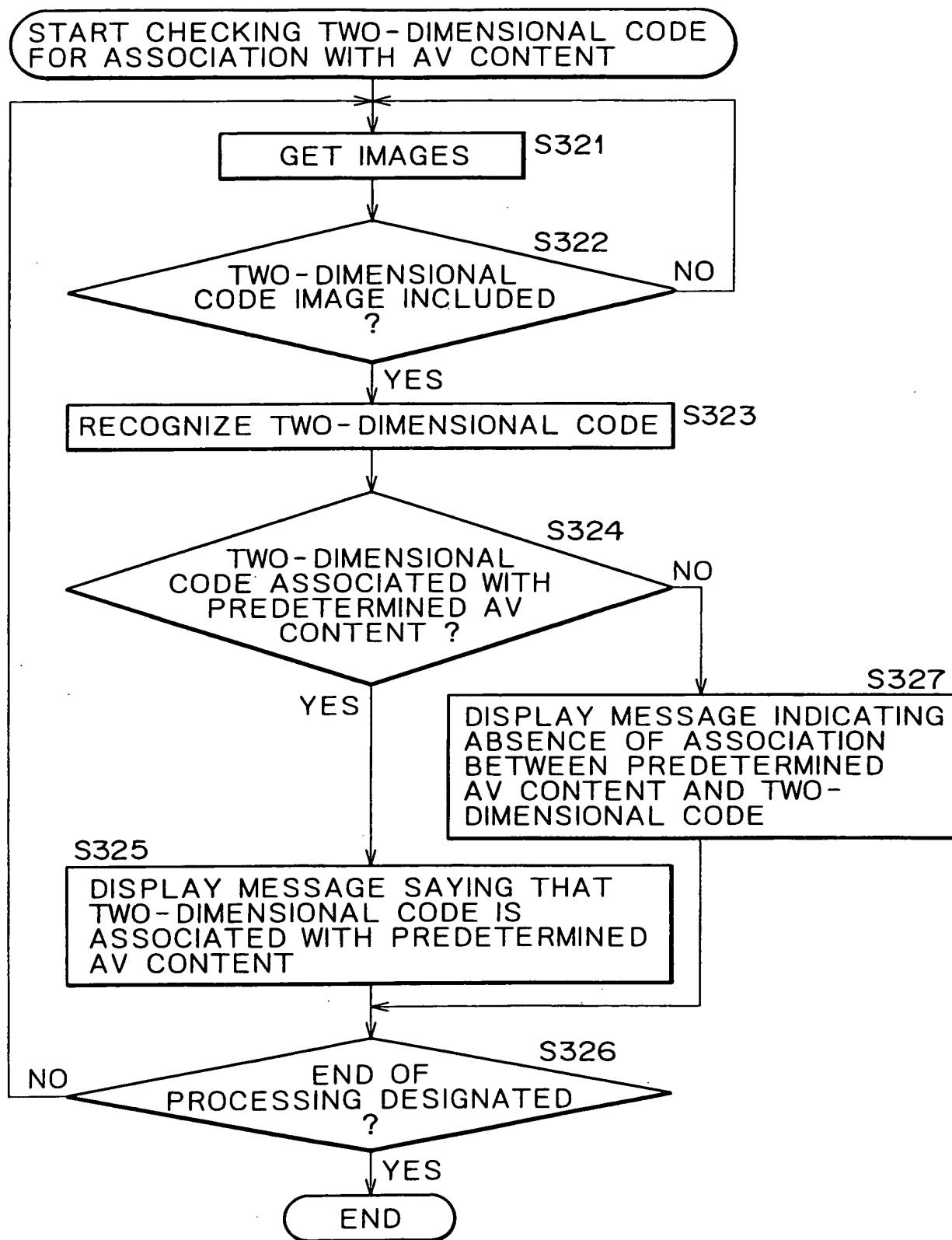
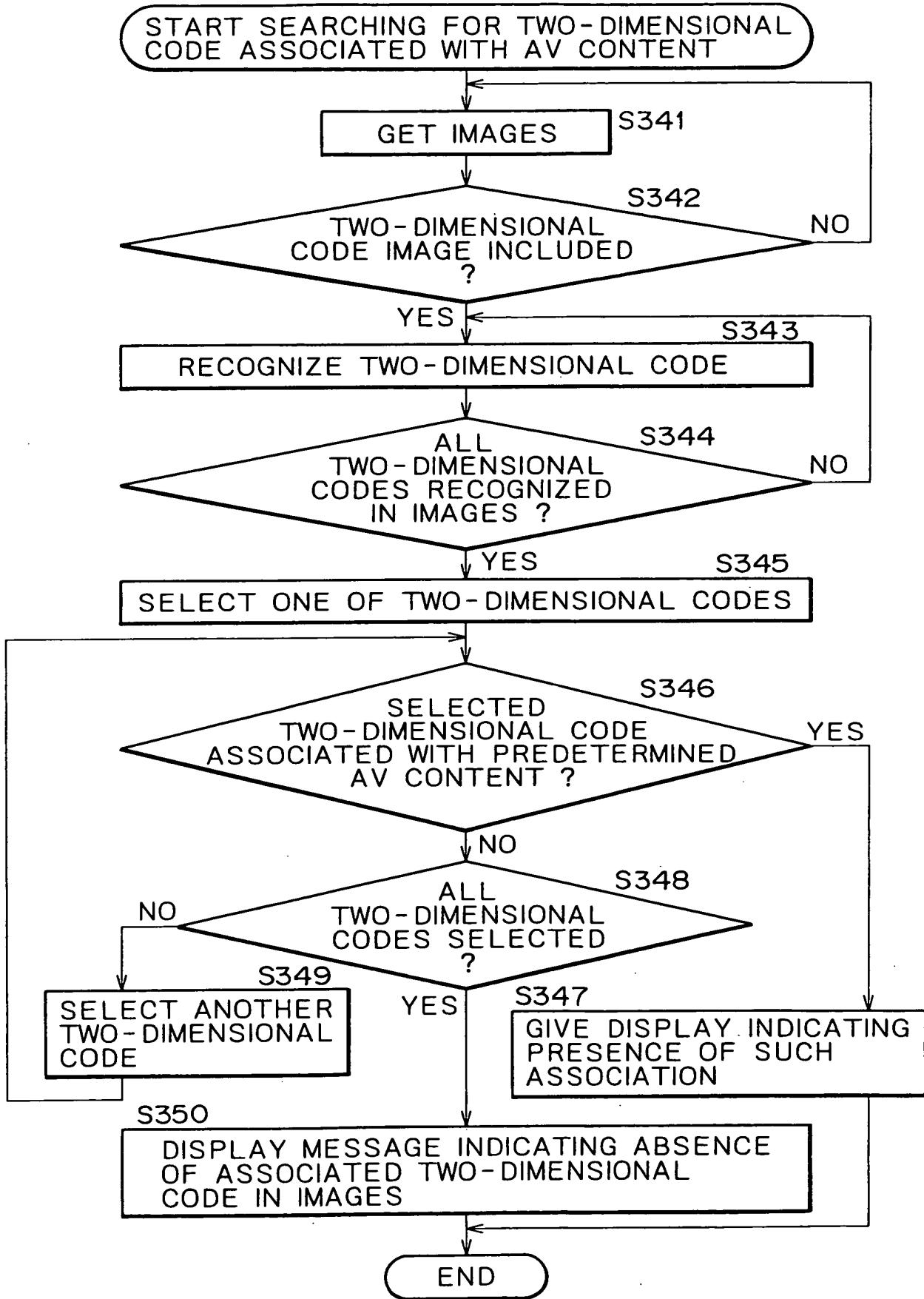
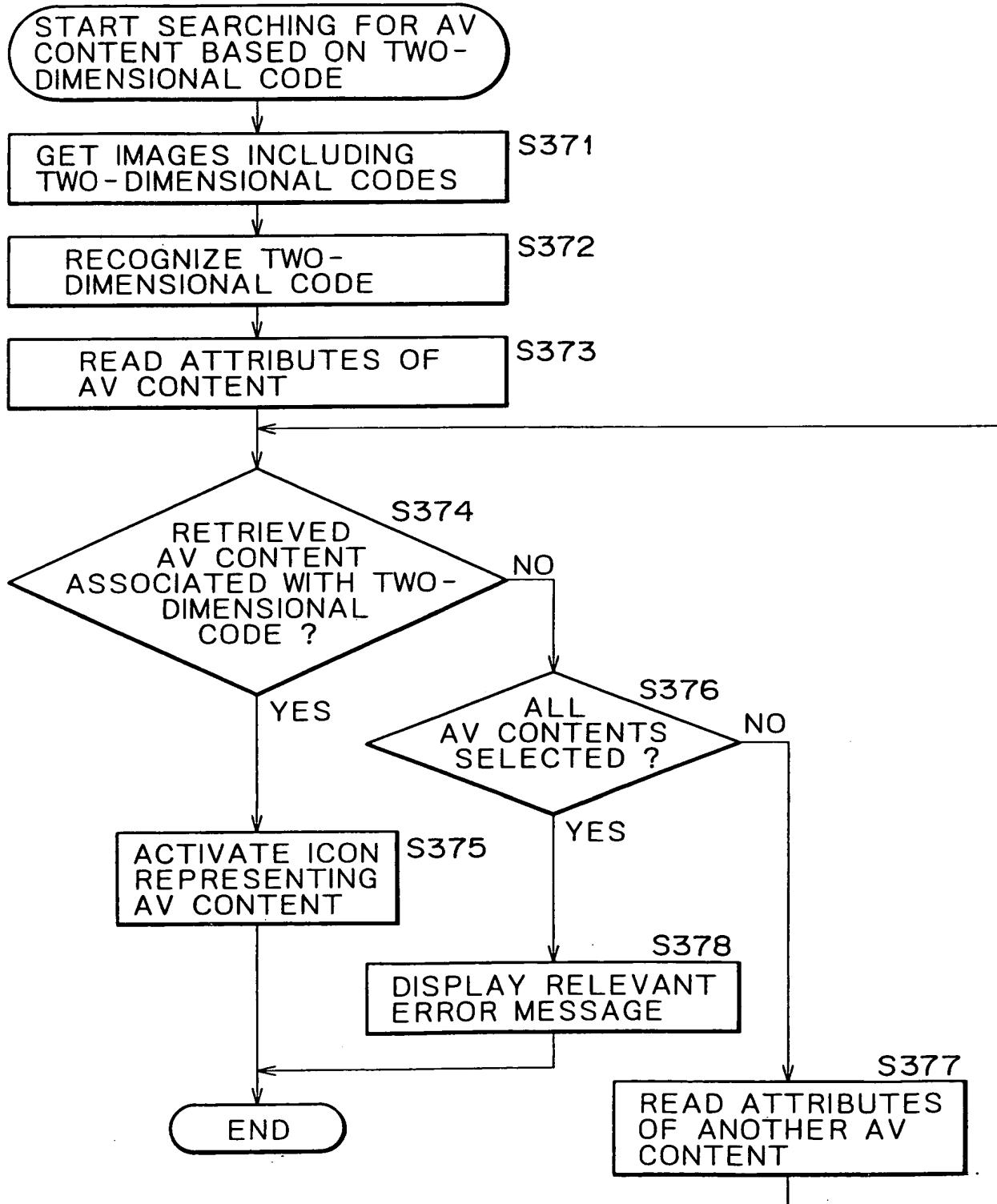


FIG. 43

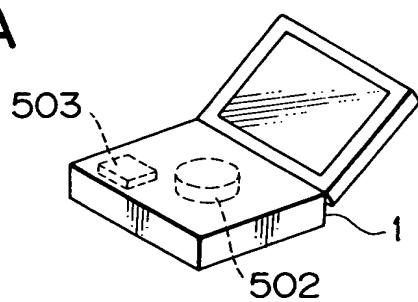


F I G. 44

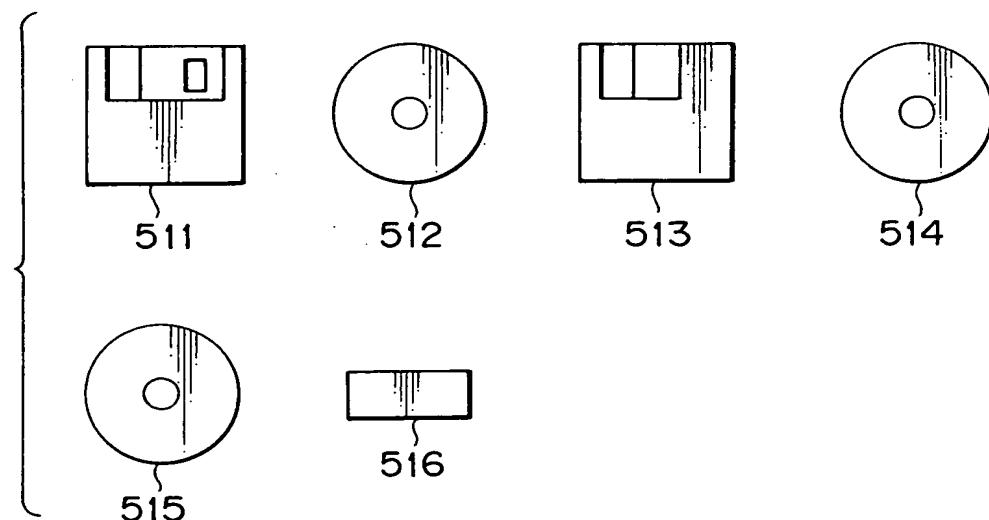
00000000000000000000000000000000



F I G. 45A



F I G. 45B



F I G. 45C

